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ABSTRACT

To give deans and directors of agriculture schools and colleges in the southern region of the U.S. an overall view of agriculture students' characteristics, experiences, and attitudes, a 1977 survey of all 1862 and 1890 land grant institutions (plus Texas Tech and Tuskegee Institute) details student background, high school and college experiences, life goals and aspirations, and attitudes (1862 and 1890 refer to different legislative acts creating the land grant system). Today, 1862 schools are the larger, predominately white state institutions, while 1890 ones are smaller, predominantly black agriculture schools. While most agriculture students are from urban areas, parental education is a primary difference in background; percentages who finished high school or college are substantially higher for 1862 parents. Apparently 1890 students receive greater anticipatory socialization to agriculture through high school counselors, courses, and club activities, pick agriculture earlier in their careers, seem more committed to their choice, expect financial rewards, and participate in occupationally related activities. Students at 1862 universities are more likely to want a farm or ranch residence. The majority of all students feel agricultural career opportunities to be good. The bulk of the document is comprised of tables of data from Project S-114. (RS)

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REGIONAL STUDY OF STUDENTS IN THE COLLEGE OF AGRICULTURE

1890 and 1862 COMPARISONS

A SUMMARY TABULATION PREPARED FOR DEANS AND DIRECTORS OF RESIDENT INSTRUCTION IN AGRICULTURE AT LAND-GRANT INSTITUTIONS IN THE SOUTHERN REGION.

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Defining and Achieving Life Goals:
A Process of Human Resource Development

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REGIONAL STUDY OF STUDENTS IN THE COLLEGE OF AGRICULTURE:
1890 AND 1862 COMPARISONS

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INTRODUCTION

A central theme in the Land Grant University concept is that practical education should be provided, in addition to scientific and classical studies. Concern for the usefulness and application of knowledge has been reflected in an increasing demand for education at 1862 and 1890 Land Grant schools in general and in Colleges of Agriculture in particular. Agriculture curricula have traditionally embodied a closer linkage between educational means and occupational ends than many other courses of study. Two interrelated sources of change underly the growth of these curriculums: new student attitudes and a fundamental transformation in the structure of U.S. agriculture.

Agriculture, at least in the eyes of some students, has become a glamour field. Individuals also are more aware of the importance of food production and distribution, as concerns shift to basic human survival in the face of a growing world population. Students increasingly have recognized the need for advanced training in agricultural occupations. They also are aware of expanding opportunities in agribusiness, food production and distribution, agrifinance, farm management, and government agricultural agencies. Expanding employment demand and new recognition of the importance of food are primary forces behind new student attitudes toward agricultural education.

A second reason for the recent growth in agricultural training can be traced to changes in the structure of U.S. agriculture. Decreases in the number of farms and farm employees have been coupled with dramatic increases in the size of individual farms, the value of farm products and the cost of farm production. At the same time, the number of farm acres has remained nearly constant, meaning that fewer farmers are

producing more food. Small black-owned farms have been particularly hard hit by shifting economies of scale in production agriculture. Traditional farming skills and a willingness to work are now rivaled by managerial expertise and access to capital as keys to successful farm operation. Many institutional and social restraints limited the access of small farm operators to the latter resources.

An increase in specialization and differentiation of occupations is reflected in a demand for persons with technical skills and advanced managerial training, and a decrease in need for those with general agricultural training. Jobs have proliferated in off-farm industries that supply and service the farmer, while farmers themselves have diminished in number. Vertical integration and corporate "farmhand" agriculture have eliminated the family farm as a viable alternative for many individuals. Capital demands of modern agriculture often discourage the entry of individuals into farming, and their interests and aspirations often are deflected into farm-related occupations in the broad area of agriculture. These occupations are more likely to resemble those of the larger society; that is, white collar jobs, representing a narrow, or indirect association with the production enterprise. Farming, and agriculture in general, is viewed less as a way of life than as a growing source of jobs and occupational advancement.

Changes in the occupational structure of American agriculture are reflected in the curricula of the college of agriculture. In most schools in the early 1950's a half dozen or so options were available. Today, many schools offer three or four times that number. Training in vocational agriculture and extension methods reflect increasing efforts to reach farmers at all scales of operation and levels of education. In this way, Land Grant colleges have differentiated and specialized in response to the changing structure of American agriculture.

As the spectrum of agricultural occupations has broadened, so has the range of people seeking agricultural careers. Increasingly, agriculture students have urban backgrounds, are female, and are minority group members at 1862 schools. Many 1890 schools are receiving an increasing number of white and urban students of foreign origin. These individuals may not share the values, rural backgrounds, and farm experiences of the stereotyped traditional agriculture student.

1862 and 1890 Land Grant Schools*

1862 and 1890 institutions refer to different legislative acts that gave rise to the system of Land Grant colleges. Today, 1862 schools are the larger, predominantly white institutions in each state. The smaller, predominantly black agriculture schools comprise the 1890 institutions.

The Second Morrill Act provided additional funds for the First Morrill Act (1862) Colleges as well as initial funds for the 1890 colleges. These funds pertained to education and not research. Most of the new 1890 colleges existed before the act, and were designated as Land Grant colleges following its passage. They were located in each of 17 southern and border states in the cash crop areas where black people were most heavily concentrated. As such, none of the colleges are in Appalachia or in the Ozarks. Their origins were quite diverse, though most began as normal schools, or schools for the education of teachers.

From the beginning, the states did not continue 1890 funding for education in the agricultural and mechanical arts in proportion to the federal funds. Thus, from almost the outset separate but unequal

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* This section relies heavily on "View of the 1890 Institutions" by R. Grant Seals. Pp. 409-416 in Impact of Enrollments and Student Body Composition on Academic Program, Design and Delivery, 1977. David L. Armstrong, Editor, East Lansing: Michigan State University.

standards prevailed.

Agricultural teaching programs at 1890 schools have suffered from years of underfunding. These schools rarely had strong support at the state level since most organized groups of agricultural clientele are supporters of the 1862 schools. However, it was not until the 1970's that efforts to reduce funding inequities began to move forward.

Federal support for 1890 institutions has increased since 1967. Extension funds have been enlarged and, more recently, Hatch funds for research have been directed to 1890 institutions in larger amounts.

Agriculture enrollment at 1890 schools continues to grow, as it does at the 1862 schools. However, agriculture majors account for nearly half the more than 1700 students enrolled at the 1890 schools, a much larger proportion than the 1862. Agriculture programs at 1862 schools may be larger and better-endowed, but 1890 schools have a far greater proportion of their manpower and enrollment committed to agricultural education.

The present report presents data for both sets of institutions in such a way that similarities and differences between the two student bodies can be readily assessed. It is not the intent of the researchers to explore invidious distinctions between schools, but to foster a healthy environment of mutual knowledge and facilitation that will advance the cause of agricultural education for all.

Managers and designers of agricultural curricula, as well as those advising individuals making educational and career choices, should find that knowledge of the backgrounds, experiences and attitudes of contemporary agriculture students will facilitate their administrative and counseling effectiveness. Comparative knowledge of the two student bodies should increase

mutual awareness and interinstitutional cooperation. The origins of today's agriculture students may differ strikingly from traditional conceptions and important differences besides race may characterize students at 1862 and 1890 schools. Their aspirations may reveal emerging themes and trends in agricultural education. It is these concerns that are addressed in the present study of agriculture students at southern universities.

Brief History of the Study

Since the mid-1960's, it has been apparent that the enrollment at 1862 and 1890 Colleges of Agriculture was expanding at a very rapid rate. Associated with this growth have been some fundamental changes in the composition and function of agriculture colleges. The student body is no longer composed primarily of farm boys but has expanded to include substantial numbers of urban students and, more recently, women. At the curriculum level, many Colleges of Agriculture have produced a variety of non-traditional courses and majors that extend the realm of agricultural training far beyond production and marketing.

As a consequence of these trends, a research sub-committee was established in October, 1976 to conduct a "Regional Study of Higher Education in Agriculture and Home Economics." This committee became part of a larger endeavor supported by the Cooperative State Research Service of the U.S. Department of Agriculture and participating Agricultural Experiment Stations to study definitions and achievements of life goals of late adolescence and early adulthood (Project S-114). The immediate objective of this committee was to initiate a survey of Southern college students to determine (1) the type of students who are attracted to agriculture and home economics studies; (2) the diversity of those students; (3) who or what influences these students to pursue careers in agriculture; and (4) what sorts of careers they foresee as areas of specialization.

The Questionnaire

A questionnaire was developed on the basis of researcher interest and the recognized needs of those involved in agricultural education administration and student counseling. The ERIC/CRESS information retrieval system for previous research on agriculture students was scanned. The broad effort to canvass the literature yielded a minimum of references and information; moreover, it underscored the general lack of systematic research on higher education in agriculture.

Through collaborative effort, a questionnaire was formulated to include six major lines of inquiry. These were: personal and family background, high school experiences, work experiences, college experiences, goals and aspirations, and attitudes toward various issues and topics related to occupational roles in agriculture.

Sample

Enrollment lists for the Spring 1977 term were obtained for all 1862 and 1890 institutions in the southern region. Enrollment lists served as the sampling frame for the study. Texas Tech University and Tuskegee Institute also were included, though neither are formal land grant institutions, because of their significant contributions to agricultural education in the South.

At 1862 institutions, a 15 percent sample was drawn, stratified by school. It was determined that a complete enumeration be taken at the 1890 institutions. Given the relatively small student populations at some of the schools, this was the only strategy that would provide sufficient cases for within school analysis.

Table 1. Enrollments, sample sizes and return rates for 1890 and 1862 schools in regional study.

Schools	Agriculture School Enrollment	Initial Sample	Adjusted Sample	Returns	Raw Rate	Adjusted Rate
Alabama A & M	194	194	169	88	.45	.52
Alcorn State	200	200	201	67	.34	.33
Arkansas at Pine Bluff	95	95	98	47	.40	.48
Florida A & M	150	150	107	70	.47	.65
Fort Valley	97	97	85	39	.40	.46
Langston	16	16	16	12	.75	.75
North Carolina A & T	138	138	138	85	.62	.62
Prairie View A & M	80	80	85	60	.75	.71
Southern	123	123	123	77	.63	.63
Tennessee State	149	149	176	73	.49	.41
Tuskegee Institute	541	541	342	180	.33	.53
Virginia State	79	79	79	39	.49	.49
Delaware State	83	83	60	60	.72	.72
Maryland, Eastern Shore	45	45	30	30	.67	.67
Total	1990	1945	1549	927	.48	.60

Schools	Agriculture School Enrollment	Initial Sample	Adjusted Sample	Returns	Raw Rate	Adjusted Rate
Arkansas	691	104	104	80	.77	.77
Auburn	1340	201	180	137	.68	.76
Clemson	839	126	116	96	.76	.83
Florida	895	135	121	98	.73	.81
Georgia	1398	209	205	129	.62	.63
Kentucky	1295	194	185	151	.78	.82
Louisiana	1294	194	194	139	.72	.72
Mississippi	1161	174	173	131	.75	.76
North Carolina	2538	381	371	344	.90	.93
Oklahoma	1905	286	285	201	.70	.71
Tennessee	1422	213	205	157	.74	.77
Texas A & M	4151	625	593	505	.81	.85
Texas Tech	1364	205	202	154	.75	.76
Virginia	2473	371	371	228	.61	.61
TOTAL	22,766	3,398	3,225	2,392	.70	.74

Data Collection

Sample members, for whom there were addresses, were mailed questionnaires with a cover letter explaining the survey. If a sample member had no known mailing address, his or her questionnaire was mailed in care of the Dean of the College of Agriculture with the request that the Dean locate the student and distribute the questionnaire. The time frame for the survey and delinquent returns was:

Initial mail-out---March 1977
First follow-up---April 1977
Second follow-up---May 1977

The institutional sample sizes and return rates are shown in Table 1. As stated previously, the adjusted sample sizes have excluded graduate and special students. The "raw rate" of return is the number of questionnaires returned divided by the number mailed out. The "adjusted rate" of return is determined by using the sample size adjusted for deleted sample members who were never contacted (their questionnaires were returned as "undeliverable"). The timing of mailings and follow-ups varied slightly from school to school, but this variation is not considered to have affected the quality of the data. Returned questionnaires were coded and processed at Louisiana State University.

Tabulation Procedures

The purpose of this document is twofold: (1) to provide information about students at individual institutions that may be of interest to administrators and faculty; (2) to present information about agriculture students in general, broadening available knowledge about this growing and increasingly important group.

Various data are presented for each of the five major topic areas of the study. No attempt is made to provide detailed interpretation at this early stage of analysis. It was the aim of this effort to give deans and directors

an overall comparison of student characteristics, experiences, and attitudes of 1890 and 1862 colleges of agriculture in the South.

The tables crosstabulate each questionnaire item by 1862 and 1890 institutional identity showing student responses to individual questionnaire items. The tables are percentaged up and down and should be read across. A chi-square test is reported, and can be used to evaluate whether the frequencies obtained significantly differ between the two sets of students. Caution should be used in interpreting tables when all frequencies are very small or when many cases are missing for a particular item.

Requests for further interpretation or elaboration of the results presented should be directed to one of the researchers listed on the first page of this report, located at your own or a neighboring institution.

SUMMARY OVERVIEW

This section presents a series of tables that profile the 1890 and 1862 schools along salient points of comparison. The six tables included here summarize the many individual tables appearing in later parts of the report. The reader may wish to scan the following discussion and then consult those tables that provide greater specification on individual topics of interest.

Personal and Parental Characteristics

Student Profile. The vast majority of agriculture students in the study were males, as shown in Table 2. Females account for slightly more than one-fourth the 1862 students but less than one-fifth of the 1890 students. This difference probably reflects a greater attraction of women to the larger 1862 Colleges of Agriculture that generally have a greater diversity of agriculture-related offerings.

Traditionally, 1862 and 1890 universities have addressed the educational needs of different segments of the U.S. population. These patterns are still generally true, although some integration is occurring. Agriculture students at 1862 universities include only a small proportion of nonwhite students. In contrast, agriculture students at 1890 universities include about 20 percent white students.

Students from foreign countries enrolled in agriculture are more likely to attend 1890 than 1862 universities. The 1890 universities are playing an important role in the agricultural training of foreign nationals, particularly those of African origin.

About 15 percent of the students were married. The proportion of married 1890 students was slightly larger than that of 1862 students. This difference was small, however.

Table 2. Profile of student background characteristics; who are they?

Characteristic	Agriculture Students	
	1862 Schools	1890 Schools
	Percent	
Proportion females	27.3	18.8
Proportion nonwhite	5.1	82.9
Proportion foreign citizens	2.5	12.7
Proportion married	13.5	17.5
Proportion raised on farm	19.8	19.5
Proportion from rural nonfarm residence	22.2	32.7
Proportion from a city (10,000 to 500,000)	44.0	35.8
Proportion from metro city (500,000 plus)	14.1	14.3
Number of respondents	2535	1016

Residence patterns were generally similar for both 1862 and 1890 students. About a fifth of all students were raised on farms, while about 14 percent were from metro areas with populations in excess of 500,000. The only points of difference were that 1890 students were more likely to have lived most of their life in a rural, nonfarm area, but 1862 students were more likely to be from a small or medium size city of 10,000 to 500,000 population. The majority of all agriculture students were from urban areas.

Parent Profile. Table 3 shows selected characteristics of parents whose children selected a college major offered in a College of Agriculture. One-third of the fathers had been reared on a farm or ranch and one-fourth of the mothers. More parents of 1890 students were reared in the rural, open-country and less were reared in a city, whereas parents of 1862 students were more likely to be urban reared.

One-fourth of the parents live on a farm or ranch at the present time regardless of type university their children attend. An even larger proportion own a farm or ranch. About a third of both sets of parents owned farmland, though slightly more 1862 parents were farm owners. One-third of both 1862 and 1890 students reported income from a farm as a primary source of annual family income, but more 1890 parents received no income from farming.

A major point of difference between 1862 and 1890 agriculture students is annual income of the parents. The majority of 1890 students reported their parents' annual income below $10,000 compared to only 10 percent of the 1862 students. Conversely, 21 percent of the 1862 students reported their parents' annual income in excess of $20,000 while only 7 percent of the 1890 parents had incomes at this level.

Educational levels of the parents differed widely between the two types of universities. About half the 1890 parents (50.8% of fathers and 45.3% of

Table 3. Parent background characteristics; what are their families like?

Characteristic	Agriculture Students	
	1862 Schools	1890 Schools
	Percent	
Proportion of fathers reared on farm	33.5	31.5
Proportion of mothers reared on farm	26.7	27.7
Proportion of fathers reared in cities	36.6	29.4
Proportion of mothers reared in cities	39.5	32.6
Proportion of parents having farm land	39.0	33.7
Proportion of parents with primarily farm income	33.3	34.5
Proportion of yearly-family incomes below $10,000	10.0	55.5
Proportion of yearly-family incomes above $20,000	20.7	7.4
Proportion of fathers not graduating from high school	12.3	50.8
Proportion of mothers not graduating from high school	8.3	45.3
Proportion of fathers college graduates	26.1	8.5
Proportion of mothers college graduates	21.6	8.9
Number of respondents	2535	1016

the mothers) had not completed high school compared to 12.3% of the fathers and 8.3% of the mothers of 1862 students. In terms of higher education, 26 percent of the 1862 fathers and 21 percent of the mothers had graduated from college compared to about nine percent of the 1890 fathers and mothers. The educational backgrounds of parents was a primary dimension of difference between 1862 and 1890 students.

High School Experiences

Although the vast majority of students at both sets of institutions had attended public schools, Table 4 shows 1862 and 1890 student differences in other areas of education. The high schools attended by 1890 students were more likely to be small with fewer than 100 students in the graduating class. Students enrolled in 1862 universities were much more likely to have attended a large high school with a graduating class larger than 400 students.

Each student was asked to indicate his or her overall high school grade point average. More than one-fourth the 1862 students reported an A average compared to only 8 percent of the 1890 students. Almost no students reported GPA's of D or lower. A majority of 1890 students reported themselves B students.

Students were asked about the availability of agriculture related high school experiences. The high schools attended by 1890 students were more likely to offer vocational agriculture courses. In addition, more than twice as many 1890 students had completed at least one vocational agriculture course. Of those completing such a course, a much larger proportion of 1890 students indicated a vocational agriculture course as influencing their decision to pursue a college major in agriculture.

To what extent are high school counselors perceived as having an important influence on the choice of an agriculture major? Among 1862 students

Table 4. Student high school experiences; what are their early academic experiences in agricultural education?

Characteristic	Agriculture Students	
	1862 Schools	1890 Schools
	Percent	
Proportion attending public schools	88.4	85.8
Proportion attending small schools (less than 100 students)	25.4	39.6
Proportion attending large schools (more than 400 students)	30.3	13.9
Proportion with A average in high school	27.8	8.2
Proportion attending high schools offering vocational agriculture courses	49.6	64.4
Proportion completing one or more vocational agriculture courses	23.2	48.0
*Proportion indicating vocational agriculture course influenced enrollment in a college major in agriculture	36.8	58.1
Proportion indicating high school counselor was important in choosing a college major in agriculture	16.2	39.7
Proportion participating in high school 4-H	23.2	40.6
Proportion participating in high school FFA or FHA	29.2	59.9
Number of respondents	2535	1016

*Proportion based on 568 and 420 students respectively who responded that a particular course had been important in their decision to select an agriculture major.

only a small proportion perceived the counselor as important in their choice. In contrast, two-fifths of the 1890 students attributed a major influence to their high school counselor.

Many schools incorporate extra-curricular activities in 4-H and FFA or FHA in their programs. These are additional sources of agriculture related experiences. Twice as many 1890 agriculture students reported having participated in these activities than did 1862 students. The 1890 students apparently receive greater anticipatory socialization to agriculture through high school counselors, courses, and club activities.

College Experiences

Table 5 summarizes college activities and achievements. The 1862 agriculture students were more likely to have transferred from 2-year community or junior colleges than the 1890 students. However, the vast majority of both sets of students enrolled directly in a 4-year university, and in most cases, at the same university they were presently attending.

College grade point averages were very similar for both 1862 and 1890 agriculture students. Almost two-thirds (62%) reported grade point averages above 2.5.

To what extent do agriculture students enroll directly in an agriculture curriculum when entering college? Many students changed curricula at least once. This phenomenon was more prevalent among 1862 students, where slightly more than half had changed, then among 1890 students where only one-third had done so. Some of these changes involved different majors within the College of Agriculture and not changes across colleges within the universities.

Nearly half the students at both sets of institutions felt that prior experience was important in the choice of an agriculture major. High school counselors were mentioned by nearly three times as many 1890 students as

Table 5. College experiences; what are they doing in college?

Characteristics	Agriculture Students	
	1862 Schools	1890 Schools
	Percent	
Proportion transferring from 2 year college	18.8	11.0
Proportion with grade point average above 2.5	61.4	63.4
Proportion who changed college major at least once	52.8	32.9
Proportion believing prior experience important in choosing a major	48.4	55.7
Proportion believing high school teacher or counselor important in choosing a major	11.4	32.1
Proportion believing a good income important in choosing a major	56.7	75.6
Proportion belonging to college 4-H, FFA or FHA	9.0	32.9
Number of respondents	2535	1016

important influences on their choice of major (11.4 versus 32.1%).

Income was an important factor in choice of major for both 1862 and 1890 students, but was even more so in the 1890 student body.

Finally, 33 percent of the 1890 respondents belonged to college clubs, whereas only 9 percent of the 1862 students did so. The 1890 students seem to pick their agriculture major earlier in their careers, and seem more committed to their choice in terms of the changes they make, the financial rewards they expect, and participation in occupationally-related activities.

Adult Status Goals

Table 6 examines student aspirations for life and career after college. Students were asked to indicate the amount and type of education they desired if they could obtain as much education as they wanted. Aspiration for post-graduate education was exceedingly widespread. A clear majority of all agriculture students wanted additional education with the desire much stronger among 1890 students.

Each student was asked about what he or she would really do about post-graduate education. Fewer students actually expected to continue their education than would like to, but the proportion that did still represented about half of all agriculture students. Again 1890 students more frequently expected to continue their education than did 1862 students.

About half of these students expected to own a farm or ranch either personally or in cooperation with one or more other persons. Students attending 1862 and 1890 universities were similar in their expectation of owning a farm or ranch. They did not share similar expectations for income on the first job after completing college. Slightly more than one-fourth of the 1862 agriculture students expected incomes of $12,500 or more when they began working after college compared to 38 percent of the 1890 students.

Table 6. Student adult status goals; what do they hope to do after college?

Characteristics	Agriculture Students	
	1862 Schools	1890 Schools
	----------Percent----------	
Proportion desiring post-graduate education	65.8	83.0
Proportion expecting post-graduate education	40.0	68.1
Proportion desiring to live on a farm or ranch	37.8	25.0
Proportion expecting to own farm or ranch	47.3	50.8
Proportion expecting first job incomes of $12,500 or more	28.0	38.1
Proportion expecting to live in a city	32.4	48.6
Number of respondents	2535	1016

Where would agriculture students most like to live, if they had their choice? The majority would live in a rural or small town area, and a large proportion would live on a farm or ranch. Students at 1862 universities are more likely to want a farm or ranch residence than 1890 students. Nearly half the 1890 students expect to live in an urban area.

Attitudes Toward Agriculture

In the final section a variety of attitudes are compared including six pertaining directly to agriculture. To summarize these data, only the proportions indicating either agree or strongly agree responses to the attitude are presented, Table 7.

Less than one quarter of both samples felt that agriculture was inappropriate for women. The vast majority viewed the career opportunities in agriculture as good; and only a small proportion perceived agriculture to be a declining industry or as an industry requiring manual labor rather than formal education.

Finally, two environmental items relating directly to issues involving agriculture revealed differences of opinion even among agriculture students. The 1890 students were somewhat more receptive to a strong government role in soil conservation. Furthermore, they were markedly more favorable toward greater regulation of chemicals, though a majority of both groups supported this statement.

Conclusion

These observations from the Southern Region study of students enrolled in curricula administered by Colleges (or Schools) of Agriculture at 1862 and 1890 universities, show some points of similarity and dissimilarity that exist between college of agriculture student bodies in the two sets of institutions.

The detailed tabulations comprising the remainder of this report

Table 7. Student attitudes toward agriculture; how do they perceive this occupational field?

Characteristics	Agriculture Students	
	1862 Schools	1890 Schools
	------Percent Agreement-----	
Most agricultural occupations are unsuited to women	23.5	19.6
The government should be able to force farmers to adopt soil conservation practices if they have erosion problems	48.3	58.7
Greater regulation is needed on the use of chemicals in agriculture	57.0	78.8
There are good career opportunities in agriculture	87.0	93.7
Most work in agriculture can be done by people with little education	12.9	22.3
Agriculture is a declining industry	8.0	14.4
Number of respondents	2535	1016

provide additional items of information as well as more complete breakdowns of responses to items summarized in this section.

BACKGROUND INFORMATION

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V004 RACE BY AGSCHOOL
* *

V004	AGSCHOOL COUNT / COL PCT	1862 STUDENTS (1)	1890 STUDENTS (2)	ROW TOTAL
1 AMER INDIAN		4 / 0.2	5 / 0.5	9 / 0.3
2 BLACK		21 / 0.8	729 / 73.0	750 / 21.3
3 MEXICAN- AMERICA		23 / 0.9	0 / 0.0	23 / 0.7
4 PUERTO RICAN		3 / 0.1	4 / 0.4	7 / 0.2
5 OTHER LATIN-AMER		23 / 0.9	8 / 0.8	31 / 0.9
6 ORIENTAL		12 / 0.5	2 / 0.2	14 / 0.4
7 WHITE		2390 / 94.9	171 / 17.1	2561 / 72.8
8 OTHER		43 / 1.7	79 / 7.9	122 / 3.5
COLUMN TOTAL		2519 / 71.6	998 / 28.4	3517 / 100.0

RAW CHI SQUARE = 2437.37598 WITH 7 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 34

EGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

E COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V006 COUNTRY OF CITIZENSHIP BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS 1	1890 STUDENTS 2	ROW TOTAL
V006			
1 USA	2462 / 97.5	875 / 87.3	3337 / 94.6
2 OTHER	64 / 2.5	127 / 12.7	191 / 5.4
COLUMN TOTAL	2526 / 71.6	1002 / 28.4	3528 / 100.0

CORRECTED CHI SQUARE = 142.10565 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 23

EGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

E COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V003 SEX BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS 1	1890 STUDENTS 2	ROW TOTAL
V003			
1 MALE	1841 / 72.7	825 / 81.2	2666 / 75.1
2 FEMALE	692 / 27.3	191 / 18.8	883 / 24.9
COLUMN TOTAL	2533 / 71.4	1016 / 28.6	3549 / 100.0

CORRECTED CHI SQUARE = 27.71103 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 2

EGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

LE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V011 COLLEGE CLASSIFICATION BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
V011	1	2	
1 FRESHMAN	459 / 18.2	222 / 21.9	681 / 19.3
2 SOPHOMORE	542 / 21.5	272 / 26.8	814 / 23.0
3 JUNIOR	667 / 26.5	251 / 24.7	918 / 26.0
4 SENIOR	794 / 31.5	225 / 22.2	1019 / 28.8
5 GRADUATE STUD.	16 / 0.6	35 / 3.4	51 / 1.4
6 OTHER	41 / 1.6	10 / 1.0	51 / 1.4
COLUMN TOTAL	2519 / 71.3	1015 / 28.7	3534 / 100.0

W CHI SQUARE = 78.30833 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

UMBER OF MISSING OBSERVATIONS = 17

EGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

LE COMBINE (CREATION DATE = 7/27/78)

* CROSSTABULATION OF * * * *
V012 MARITAL STATUS BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V012			
1 SINGLE	2143	811	2954
	85.2	80.2	83.8
2 MARRIED	339	177	516
	13.5	17.5	14.6
3 SEPARATED	6	10	16
	0.2	1.0	0.5
4 DIVORCED	28	13	41
	1.1	1.3	1.2
COLUMN TOTAL	2516	1011	3527
	71.3	28.7	100.0

M CHI SQUARE = 19.28033 WITH 3 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0002

UMBER OF MISSING OBSERVATIONS = 24

SIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

E COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V013 SIZE OF HOMETOWN BY AGSCHOOL
* *

V013	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
1 FARM OR RANCH	499	196	695
	19.8	19.5	19.7
2 COUNTRY OUTSIDE	212	147	359
	8.4	14.6	10.2
3 TOWN OR VILLAGE	348	182	530
	13.8	18.1	15.0
4 SMALL CITY	529	178	707
	21.0	17.7	20.0
5 MEDIUM CITY	581	160	741
	23.0	15.9	21.0
6 METRO CITY	356	144	500
	14.1	14.3	14.2
COLUMN TOTAL	2525	1007	3532
	71.5	28.5	100.0

W CHI SQUARE = 57.38556 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

UMBER OF MISSING OBSERVATIONS = 19

IONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

E COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V014 DISTANCE OF HOMETOWN FROM CITY BY AGSCHOOL
* *

V014	COUNT / COL PCT	AGSCHOOL 1862 STUDENTS 1	1890 STUDENTS 2	ROW TOTAL
1		349	151	500
LESS THAN 20 MIL		23.6	25.2	24.0
2		199	104	303
20-29		13.4	17.3	14.6
3		238	90	328
30-39		16.1	15.0	15.8
4		147	75	222
40-49		9.9	12.5	10.7
5		406	134	540
50-99		27.4	22.3	25.9
6		142	46	188
100		9.6	7.7	9.0
COLUMN TOTAL		1481	600	2081
		71.2	28.8	100.0

AW CHI SQUARE = 13.86379 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0165

UMBER OF MISSING OBSERVATIONS = 1470

EGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

E COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V015 FATHER'S CHILDHOOD RESIDENCE BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
V015	1	2	
1 FARM OR RANCH	837 / 33.5	310 / 31.1	1147 / 32.8
2 COUNTRY OUTSIDE	267 / 10.7	200 / 20.1	467 / 13.3
3 TOWN OR VILLAGE	483 / 19.3	193 / 19.4	676 / 19.3
4 SMALL CITY	357 / 14.3	123 / 12.3	480 / 13.7
5 MEDIUM CITY	300 / 12.0	88 / 8.8	388 / 11.1
6 METRO CITY	258 / 10.3	83 / 8.3	341 / 9.7
COLUMN TOTAL	2502 / 71.5	997 / 28.5	3499 / 100.0

W CHI SQUARE = 59.55898 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

UMBER OF MISSING OBSERVATIONS = 52

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V016 MOTHER'S CHILDHOOD RESIDENCE BY AGSCHOOL
* *

V016	COUNT / COL PCT	AGSCHOOL 1862 STUDENTS (1)	AGSCHOOL 1890 STUDENTS (2)	ROW TOTAL
1 FARM OR RANCH		664	262	926
		26.7	27.7	27.0
2 COUNTRY OUTSIDE		267	187	454
		10.7	19.8	13.2
3 TOWN OR VILLAGE		573	188	761
		23.0	19.9	22.2
4 SMALL CITY		407	123	530
		16.4	13.0	15.4
5 MEDIUM CITY		322	106	428
		12.9	11.2	12.5
6 METRO CITY		254	79	333
		10.2	8.4	9.7
COLUMN TOTAL		2487	945	3432
		72.5	27.5	100.0

RAW CHI SQUARE = 54.78769 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 119

EGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

LE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V017 PARENTS PRESENTLY LIVING ON FARM BY AGSCHOOL
* *

V017	COUNT / COL PCT	AGSCHOOL 1862 STUDENTS (1)	1890 STUDENTS (2)	ROW TOTAL
1	YES,OWN	578 / 23.0	226 / 22.5	804 / 22.8
2	YES,LEASE OR REN	31 / 1.2	23 / 2.3	54 / 1.5
3	YES,TENANT-FARM	10 / 0.4	17 / 1.7	27 / 0.8
4	NO,BUT OWN OR LE	354 / 14.1	73 / 7.3	427 / 12.1
5	NO	1545 / 61.4	667 / 66.3	2212 / 62.8
	COLUMN TOTAL	2518 / 71.5	1006 / 28.5	3524 / 100.0

W CHI SQUARE = 51.22528 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

UMBER OF MISSING OBSERVATIONS = 27

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V018 INCOME FROM FARM BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V018			
1 PRIMARY INCOME	302	108	410
	33.3	34.5	33.6
2 SECONDARY INCOME	439	115	554
	48.4	36.7	45.4
3 NO INCOME	166	90	256
	18.3	28.8	21.0
COLUMN TOTAL	907	313	1220
	74.3	25.7	100.0

RAW CHI SQUARE = 19.18250 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0001

NUMBER OF MISSING OBSERVATIONS = 2331

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V022 FATHER'S CURRENT EMPLOYMENT STATUS BY AGSCHOOL
* *

		AGSCHOOL		
	COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
		1	2	
V022				
1 FULL-TIME		1721	504	2225
		68.5	51.9	63.9
2 PART-TIME		29	27	56
		1.2	2.8	1.6
3 SELF-EMPLOYED		424	99	523
		16.9	10.2	15.0
4 UNEMPLOYED		23	23	46
		0.9	2.4	1.3
5 DISABLED		32	57	89
		1.3	5.9	2.6
6 RETIRED		142	112	254
		5.7	11.5	7.3
7 DECEASED		141	150	291
		5.6	15.4	8.4
COLUMN TOTAL		2512	972	3484
		72.1	27.9	100.0

RAW CHI SQUARE = 245.85768 WITH 6 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 67

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V027 PARENTS YEARLY INCOME BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V027			
1 LESS THAN 5000	61 / 2.8	240 / 26.7	301 / 9.7
2 5000 TO 9999	160 / 7.2	259 / 28.8	419 / 13.5
3 10000 TO 14999	364 / 16.4	152 / 16.9	516 / 16.6
4 15000 TO 19999	363 / 16.4	90 / 10.0	453 / 14.5
5 20000 TO 24999	458 / 20.7	67 / 7.4	525 / 16.9
6 25000 TO 49999	601 / 27.1	62 / 6.9	663 / 21.3
7 50000 TO 74999	133 / 6.0	17 / 1.9	150 / 4.8
8 75000 TO 99999	37 / 1.7	7 / 0.8	44 / 1.4
9 OVER 100000	38 / 1.7	6 / 0.7	44 / 1.4
COLUMN TOTAL	2215 / 71.1	900 / 28.9	3115 / 100.0

RAW CHI SQUARE = 838.61108 WITH 8 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 436

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V028 FATHER'S SCHOOL LEVEL BY AGSCHOOL
* *

V028	AGSCHOOL 1	2	ROW TOTAL
1 LESS THAN 9TH GR	155	292	447
	6.3	31.5	13.1
2 DIDN'T GRADUATE	121	146	267
	4.9	15.7	7.9
3 DIDN'T GRAD VOC	27	33	60
	1.1	3.6	1.8
4 FRADUATED HIGH S	533	170	703
	21.6	18.3	20.7
5 VOC. AFTER H.S.	112	54	166
	4.5	5.8	4.9
6 DIDN'T GRAD. COL	430	75	505
	17.4	8.1	14.9
7 COLLEGE GRADUATE	645	79	724
	26.1	8.5	21.3
8 GRADUATE WORK	449	79	528
	18.2	8.5	15.5
COLUMN TOTAL	2472	928	3400
	72.7	27.3	100.0

RAW CHI SQUARE = 633.41333 WITH 7 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 151

IONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

E COMBINE (CREATION DATE = 04/27/78)

* * * * * * * * * * * * * * * * * * * CROSSTABULATION OF * * * *
V029 MOTHER'S SCHOOL LEVEL BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
1	85	191	276
ESS THAN 9TH GR	3.5	20.4	8.1
2	109	212	321
IDN'T GRADUATE	4.4	22.6	9.5
3	10	22	32
IDN'T GRAD VOC	0.4	2.3	0.9
4	822	234	1056
RADUATED HIGH S	33.5	25.0	31.1
5	231	49	280
OC. AFTER H.S.	9.4	5.2	8.2
6	483	66	549
IDN'T GRAD. COL	19.7	7.0	16.2
7	530	83	613
OLLEGE GRADUATE	21.6	8.9	18.1
8	187	80	267
RADUATE WORK	7.6	8.5	7.9
COLUMN TOTAL	2457 72.4	937 27.6	3394 100.0

CHI SQUARE = 661.47974 WITH 7 DEGREES OF FREEDON. SIGNIFICANCE = 0.0000

BER OF MISSING OBSERVATIONS = 157

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V030 OWN POLITICAL PREFERENCE BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
V030	1	2	
1 CONSERVATIVE	240	81	321
	10.5	10.5	10.5
2 SOMEWHAT CONSERV	520	100	620
	22.8	12.9	20.3
3 MODERATE	840	249	1089
	36.8	32.2	35.6
4 SOMEWHAT LIBERAL	488	163	651
	21.4	21.1	21.3
5 LIBERAL	193	181	374
	8.5	23.4	12.2
COLUMN TOTAL	2281	774	3055
	74.7	25.3	100.0

RAW CHI SQUARE = 136.46252 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 496

EGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

E COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V031 FATHER'S POLITICAL PREFERENCE BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V031			
1 CONSERVATIVE	564 / 27.0	118 / 20.6	682 / 25.6
2 SOMEWHAT CONSERV	770 / 36.9	139 / 24.3	909 / 34.2
3 MODERATE	588 / 28.2	192 / 33.5	780 / 29.3
4 SOMEWHAT LIBERAL	125 / 6.0	72 / 12.6	197 / 7.4
5 LIBERAL	41 / 2.0	52 / 9.1	93 / 3.5
COLUMN TOTAL	2088 / 78.5	573 / 21.5	2661 / 100.0

R.. CHI SQUARE = 123.91719 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

N..BER OF MISSING OBSERVATIONS = 890

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V032 MOTHER'S POLITICAL PREFERENCE BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
V032	1	2	
1 CONSERVATIVE	450	123	573
	21.5	20.0	21.2
2 SOMEWHAT CONSERV	762	111	873
	36.4	18.1	32.3
3 MODERATE	669	227	896
	32.0	37.0	33.1
4 SOMEWHAT LIBERAL	164	86	250
	7.8	14.0	9.2
5 LIBERAL	47	67	114
	2.2	10.9	4.2
COLUMN TOTAL	2092	614	2706
	77.3	22.7	100.0

RAW CHI SQUARE = 157.73300 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 845

GIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

LE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V033 NUMBER OF OLDER BROTHERS BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
1	737	275	1012
	68.8	46.9	61.0
2	231	140	371
	21.5	23.9	22.4
3	75	86	161
	7.0	14.7	9.7
4	18	53	71
	1.7	9.0	4.3
5	8	15	23
	0.7	2.6	1.4
6	3	14	17
	0.3	2.4	1.0
7	0	3	3
	0.0	0.5	0.2
COLUMN TOTAL	1072	586	1658
	64.7	35.3	100.0

CHI SQUARE = 132.40492 WITH 6 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

MBER OF MISSING OBSERVATIONS = 1893

EGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

LE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V034 NUMBER OF OLDER SISTERS BY AGSCHOOL
* *

V034	AGSCHOOL COUNT / COL PCT	1862 STUDENTS (1)	1890 STUDENTS (2)	ROW TOTAL
1		709	248	957
		67.3	44.4	59.3
2		243	162	405
		23.1	29.0	25.1
3		70	77	147
		6.6	13.8	9.1
4		22	42	64
		2.1	7.5	4.0
5		8	23	31
		0.8	4.1	1.9
6		2	7	9
		0.2	1.3	0.6
COLUMN TOTAL		1054	559	1613
		65.3	34.7	100.0

W CHI SQUARE = 113.68948 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

UMBER OF MISSING OBSERVATIONS = 1938

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V035 NUMBER OF YOUNGER BROTHERS BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V035			
1	745	254	999
	67.7	43.9	59.5
2	266	162	428
	24.2	28.0	25.5
3	67	92	159
	6.1	15.9	9.5
4	16	42	58
	1.5	7.3	3.5
5	5	21	26
	0.5	3.6	1.5
6	0	5	5
	0.0	0.9	0.3
7	1	2	3
	0.1	0.3	0.2
COLUMN TOTAL	1100	578	1678
	65.6	34.4	100.0

ROW CHI SQUARE = 149.43379 WITH 6 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 1873

EGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

LE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V036 NUMBER OF YOUNGER SISTERS BY AGSCHOOL
* *

V036	AGSCHOOL 1862 STUDENTS (1)	1890 STUDENTS (2)	ROW TOTAL
1	749	273	1022
	69.7	48.3	62.4
2	244	141	385
	22.7	25.0	23.5
3	64	85	149
	6.0	15.0	9.1
4	13	40	53
	1.2	7.1	3.2
5	4	19	23
	0.4	3.4	1.4
6	0	7	7
	0.0	1.2	0.4
COLUMN TOTAL	1074	565	1639
	65.5	34.5	100.0

CHI SQUARE = 137.98689 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

UMBER OF MISSING OBSERVATIONS = 1912

HIGH SCHOOL EXPERIENCES

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V037 TYPE OF HIGH SCHOOL ATTENDED BY AGSCHOOL
* *

V037	COUNT / COL PCT	AGSCHOOL 1862 STUDENTS (1)	AGSCHOOL 1890 STUDENTS (2)	ROW TOTAL
1 PUBLIC		2218	855	3073
		88.4	85.8	87.7
2 PRIVATE RELIGIOU		147	87	234
		5.9	8.7	6.7
3 PRIVATE NON-RELI		134	41	175
		5.3	4.1	5.0
4 OTHER		9	14	23
		0.4	1.4	0.7
COLUMN TOTAL		2508	997	3505
		71.6	28.4	100.0

RAW CHI SQUARE = 23.39902 WITH 3 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 46

EGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

E COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V038 GRADUATING CLASS SIZE BY AGSCHOOL
* *

V038	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
1 LESS THAN 25	88	30	118
	3.5	3.1	3.4
2 25 TO 49	235	128	363
	9.4	13.0	10.4
3 50 TO 49	162	141	303
	6.5	14.3	8.7
4 75 TO 99	151	90	241
	6.0	9.2	6.9
5 100 TO 149	266	168	434
	10.7	17.1	12.5
6 150TO 199	254	105	359
	10.2	10.7	10.3
7 200 TO 399	583	185	768
	23.3	18.8	22.1
8 400 TO 599	450	88	538
	18.0	9.0	15.5
9 600 OR MORE	308	48	356
	12.3	4.9	10.2
COLUMN TOTAL	2497	983	3480
	71.8	28.2	100.0

AW CHI SQUARE = 175.09758 WITH 8 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

UMBER OF MISSING OBSERVATIONS = 71

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V040 AGRICULTURE COURSES OFFERED BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V040			
1 YES	1192	622	1814
	49.6	64.4	53.8
2 NO	1211	344	1555
	50.4	35.6	46.2
COLUMN TOTAL	2403	966	3369
	71.3	28.7	100.0

CORRECTED CHI SQUARE = 60.00781 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 182

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V039 HIGH SCHCOL AVERAGE BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V039			
1 D	9	6	15
	0.4	0.6	0.4
2 C	425	289	714
	17.0	29.4	20.5
3 B	1372	607	1979
	54.9	61.7	56.8
4 A	694	81	775
	27.8	8.2	22.3
COLUMN TOTAL	2500	983	3483
	71.8	28.2	100.0

RAW CHI SQUARE = 180.63046 WITH 3 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 68

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V041 AGRICULTURE COURSES TAKEN BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V041			
1 YES	579	475	1054
	23.2	48.0	30.3
2 NO	1914	515	2429
	76.8	52.0	69.7
COLUMN TOTAL	2493	990	3483
	71.6	28.4	100.0

CORRECTED CHI SQUARE = 204.58826 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.000

NUMBER OF MISSING OBSERVATIONS = 68

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V042 HOME ECONOMICS COURSES OFFERED BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V042			
1 YES	2251	871	3122
	92.3	88.7	91.2
2 NO	189	111	300
	7.7	11.3	8.8
COLUMN TOTAL	2440	982	3422
	71.3	28.7	100.0

CORRECTED CHI SQUARE = 10.63945 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.001

NUMBER OF MISSING OBSERVATIONS = 129

EGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V043 HOME ECONOMICS COURSES TAKEN BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V043			
1 YES	439	254	693
	17.6	25.7	19.9
2 NO	2049	736	2785
	82.4	74.3	80.1
COLUMN TOTAL	2488	990	3478
	71.5	28.5	100.0

CORRECTED CHI SQUARE = 27.99214 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.000

NUMBER OF MISSING OBSERVATIONS = 73

GIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

ILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V045 INFLUENCE OF COURSES BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
45			
1 YES	597	463	1060
	23.9	47.1	30.4
2 NO	1904	521	2425
	76.1	52.9	69.6
COLUMN TOTAL	2501	984	3485
	71.8	28.2	100.0

RRECTED CHI SQUARE = 178.21875 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.000

UMBER OF MISSING OBSERVATIONS = 66

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V046 TYPE OF COURSE WITH INFLUENCE BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V046			
1 AGRICULTURE	209 / 36.8	244 / 58.1	453 / 45.9
2 HOME EC	3 / 0.5	6 / 1.4	9 / 0.9
3 BIOLOGICAL SCIEN	317 / 55.8	150 / 35.7	467 / 47.3
4 PHYSICAL SC	12 / 2.1	6 / 1.4	18 / 1.8
5 OTHER	27 / 4.8	14 / 3.3	41 / 4.1
COLUMN TOTAL	568 / 57.5	420 / 42.5	988 / 100.0

RAW CHI SQUARE = 48.46298 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 2563

IONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

E COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V047 PARTICIPATION IN ATHLETIC TEAMS BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
7			
1 DID NOT PARTICIP	927 / 39.4	271 / 30.2	1198 / 36.9
2 PARTICIPATED	962 / 40.9	398 / 44.4	1360 / 41.8
3 LEADER OR OFFICE	465 / 19.8	228 / 25.4	693 / 21.3
COLUMN TOTAL	2354 / 72.4	897 / 27.6	3251 / 100.0

CHI SQUARE = 26.49667 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

MBER OF MISSING OBSERVATIONS = 300

GIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

LE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V048 PARTICIPATION IN INTRAMURAL S BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
48			
1 DID NOT PARTICIP	1105 / 51.5	338 / 43.6	1443 / 49.4
2 PARTICIPATED	867 / 40.4	346 / 44.6	1213 / 41.5
3 LEADER OR OFFICE	175 / 8.2	92 / 11.9	267 / 9.1
COLUMN TOTAL	2147 / 73.5	776 / 26.5	2923 / 100.0

CHI SQUARE = 18.21884 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0001

MBER OF MISSING OBSERVATIONS = 628

IONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

ILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V049 PARTICIPATION IN CHEERLEADING BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
9			
1 DID NOT PARTICIP	1565 / 76.2	502 / 70.0	2067 / 74.6
2 PARTICIPATED	367 / 17.9	173 / 24.1	540 / 19.5
3 LEADER OR OFFICE	121 / 5.9	42 / 5.9	163 / 5.9
COLUMN TOTAL	2053 / 74.1	717 / 25.9	2770 / 100.0

N CHI SQUARE = 13.40781 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0012

UMBER OF MISSING OBSERVATIONS = 781

GIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

ILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V050 PARTICIPATION IN DEBATE, BAND OR CHORUS BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
50			
1 DID NOT PARTICIP	1121 / 53.4	325 / 42.6	1446 / 50.5
2 PARTICIPATED	718 / 34.2	325 / 42.6	1043 / 36.4
3 LEADER OR OFFICE	261 / 12.4	113 / 14.8	374 / 13.1
COLUMN TOTAL	2100 / 73.3	763 / 26.7	2863 / 100.0

N CHI SQUARE = 26.17220 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

UMBER OF MISSING OBSERVATIONS = 688

SIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

ILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V051 PARTICIPATION IN HOBBY CLUBS BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
1 DID NOT PARTICIP	1519 / 73.5	486 / 65.9	2005 / 71.5
2 PARTICIPATED	438 / 21.2	203 / 27.5	641 / 22.9
3 LEADER OR OFFICE	110 / 5.3	48 / 6.5	158 / 5.6
COLUMN TOTAL	2067 / 73.7	737 / 26.3	2804 / 100.0

CHI SQUARE = 15.28832 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0005

UMBER OF MISSING OBSERVATIONS = 747

SIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

ILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V052 PARTICIPATION IN HONORARY CLUBS BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
1 DID NOT PARTICIP	1182 / 54.7	498 / 68.0	1680 / 58.1
2 PARTICIPATED	719 / 33.3	170 / 23.2	889 / 30.7
3 LEADER OR OFFICE	259 / 12.0	64 / 8.7	323 / 11.2
COLUMN TOTAL	2160 / 74.7	732 / 25.3	2892 / 100.0

CHI SQUARE = 39.84723 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

UMBER OF MISSING OBSERVATIONS = 659

IONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

LE COMBINE (CREATION DATE = 04/27/78)

* * * * * * * * * * * * * * * * * * * CROSSTABULATION OF * * * *
V053 PARTICIPATION IN SCHOOL NEWSPAPER-ANNUAL BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
1 DID NOT PARTICIP	1416 / 66.6	462 / 60.2	1878 / 64.9
2 PARTICIPATED	434 / 20.4	205 / 26.7	639 / 22.1
3 LEADER OR OFFICE	275 / 12.9	100 / 13.0	375 / 13.0
COLUMN TOTAL	2125 / 73.5	767 / 26.5	2892 / 100.0

CHI SQUARE = 13.69592 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0011

MBER OF MISSING OBSERVATIONS = 659

IONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

LE COMBINE (CREATION DATE = 04/27/78)

* * * * * * * * * * * * * * * * * * * CROSSTABULATION OF * * * *
V054 PARTICIPATION IN SUBJECT MATTER CLUBS BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
1 DID NOT PARTICIP	1115 / 51.7	365 / 47.0	1480 / 50.5
2 PARTICIPATED	791 / 36.7	310 / 39.9	1101 / 37.5
3 LEADER OR OFFICE	251 / 11.6	101 / 13.0	352 / 12.0
COLUMN TOTAL	2157 / 73.5	776 / 26.5	2933 / 100.0

CHI SQUARE = 4.98872 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0825

MBER OF MISSING OBSERVATIONS = 618

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V055 PARTICIPATION IN STUDENT GOVERNMENT BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS 1	1890 STUDENTS 2	ROW TOTAL
V055			
1 DID NOT PARTICIP	1306 / 60.3	403 / 52.1	1709 / 58.1
2 PARTICIPATED	439 / 20.3	190 / 24.6	629 / 21.4
3 LEADER OR OFFICE	422 / 19.5	180 / 23.3	602 / 20.5
COLUMN TOTAL	2167 / 73.7	773 / 26.3	2940 / 100.0

RAW CHI SQUARE = 15.49945 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0004

NUMBER OF MISSING OBSERVATIONS = 611

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V056 PARTICIPATION IN 4H BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS 1	1890 STUDENTS 2	ROW TOTAL
V056			
1 DID NOT PARTICIP	1573 / 76.8	441 / 59.4	2014 / 72.1
2 PARTICIPATED	246 / 12.0	166 / 22.3	412 / 14.8
3 LEADER OR OFFICE	230 / 11.2	136 / 18.3	366 / 13.1
COLUMN TOTAL	2049 / 73.4	743 / 26.6	2792 / 100.0

RAW CHI SQUARE = 83.24796 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 759

IONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

ILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V057 PARTICIPATION IN FFA BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V057			
1 DID NOT PARTICIP	1579 / 76.2	402 / 53.3	1981 / 70.1
2 PARTICIPATED	186 / 9.0	171 / 22.7	357 / 12.6
3 LEADER OR OFFICE	306 / 14.8	181 / 24.0	487 / 17.2
COLUMN TOTAL	2071 / 73.3	754 / 26.7	2825 / 100.0

CHI SQUARE = 150.82346 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

UMBER OF MISSING OBSERVATIONS = 726

IONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

ILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V058 PARTICIPATION IN FHA BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V058			
1 DID NOT PARTICIP	1832 / 94.6	552 / 86.8	2384 / 92.7
2 PARTICIPATED	76 / 3.9	57 / 9.0	133 / 5.2
3 LEADER OR OFFICE	29 / 1.5	27 / 4.2	56 / 2.2
COLUMN TOTAL	1937 / 75.3	636 / 24.7	2573 / 100.0

CHI SQUARE = 43.26334 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

UMBER OF MISSING OBSERVATIONS = 978

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V059 PARTICIPATION IN OTHER VOCATIONAL CLUBS BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V059			
1 DID NOT PARTICIP	1714	523	2237
	85.5	77.6	83.5
2 PARTICIPATED	210	104	314
	10.5	15.4	11.7
3 LEADER OR OFFICE	80	47	127
	4.0	7.0	4.7
COLUMN TOTAL	2004	674	2678
	74.8	25.2	100.0

RAW CHI SQUARE = 23.79729 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 873

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V060 HOME FARM EMPLOYEE BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V060			
1 YES	1082	480	1562
	47.0	55.8	49.4
2 NO	1221	380	1601
	53.0	44.2	50.6
COLUMN TOTAL	2303	860	3163
	72.8	27.2	100.0

CORRECTED CHI SQUARE = 19.18774 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.000

NUMBER OF MISSING OBSERVATIONS = 388

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V061 OTHER FARM EMPLOYEE BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V061			
1 YES	1078	385	1463
	47.2	46.6	47.0
2 NO	1207	441	1648
	52.8	53.4	53.0
COLUMN TOTAL	2285	826	3111
	73.4	26.6	100.0

CORRECTED CHI SQUARE = 0.05721 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.811

NUMBER OF MISSING OBSERVATIONS = 440

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V062 OTHER AGRICULTURAL EMPLOYEE BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V062			
1 YES	1318	565	1883
	58.2	66.2	60.4
2 NO	945	289	1234
	41.8	33.8	39.6
COLUMN TOTAL	2263	854	3117
	72.6	27.4	100.0

CORRECTED CHI SQUARE = 15.92393 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.000

NUMBER OF MISSING OBSERVATIONS = 434

EGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

LE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V063 HOME ECONOMICS EMPLOYEE BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V063			
1 YES	107	73	180
	5.1	10.0	6.4
2 NO	1981	660	2641
	94.9	90.0	93.6
COLUMN TOTAL	2088	733	2821
	74.0	26.0	100.0

ORRECTED CHI SQUARE = 20.42638 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.000

MBER OF MISSING OBSERVATIONS = 730

GIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

ILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V064 OTHER WORK EXPERIENCES BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V064			
1 YES	2099	706	2805
	88.3	84.6	87.3
2 NO	278	129	407
	11.7	15.4	12.7
COLUMN TOTAL	2377	835	3212
	74.0	26.0	100.0

RRECTED CHI SQUARE = 7.53272 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.006

MBER OF MISSING OBSERVATIONS = 339

COLLEGE EXPERIENCES

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V065 OTHER COLLEGES ATTENDED BEFORE THIS ONE BY AGSCHOOL
* *

		AGSCHOOL		
	COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
		1	2	
V065				
1	NO	1519 / 61.2	737 / 74.9	2256 / 65.1
2	2-YEAR COLLEGE	466 / 18.8	108 / 11.0	574 / 16.6
3	4-YEAR COLLEGE	438 / 17.6	123 / 12.5	561 / 16.2
4	OTHER	61 / 2.5	16 / 1.6	77 / 2.2
	COLUMN TOTAL	2484 / 71.6	984 / 28.4	3468 / 100.0

RAW CHI SQUARE = 59.94344 WITH 3 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 83

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V066 MOTHER'S INFLUENCE ON COLLEGE MAJOR BY AGSCHOOL
* *

		AGSCHOOL		
	COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
		1	2	
V066				
1 NO INFLUENCE		987	340	1327
		39.7	35.6	38.6
2 SOME INFLUENCE		1173	332	1505
		47.2	34.8	43.7
3 VERY INFLUENTIAL		327	283	610
		13.1	29.6	17.7
COLUMN TOTAL		2487	955	3442
		72.3	27.7	100.0

RAW CHI SQUARE = 133.06607 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 109

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V067 FATHER'S INFLUENCE ON COLLEGE MAJOR BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
V067	1	2	
1 NO INFLUENCE	855 / 34.5	392 / 42.0	1247 / 36.6
2 SOME INFLUENCE	1079 / 43.6	297 / 31.8	1376 / 40.4
3 VERY INFLUENTIAL	541 / 21.9	244 / 26.2	785 / 23.0
COLUMN TOTAL	2475 / 72.6	933 / 27.4	3408 / 100.0

RAW CHI SQUARE = 38.97600 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 143

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V068 BROTHER'S INFLUENCE ON COLLEGE MAJOR BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
V068	1	2	
1 NO INFLUENCE	1794 / 78.3	513 / 57.7	2307 / 72.5
2 SOME INFLUENCE	370 / 16.1	222 / 25.0	592 / 18.6
3 VERY INFLUENTIAL	128 / 5.6	154 / 17.3	282 / 8.9
COLUMN TOTAL	2292 / 72.1	889 / 27.9	3181 / 100.0

RAW CHI SQUARE = 163.74498 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 370

GIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V069 SISTER'S INFLUENCE ON COLLEGE MAJOR BY AGSCHOOL
* *

V069	AGSCHOOL 1 (1862 STUDENTS)	AGSCHOOL 2 (1890 STUDENTS)	ROW TOTAL
1 NO INFLUENCE	1937	532	2469
	83.5	60.7	77.2
2 SOME INFLUENCE	336	212	548
	14.5	24.2	17.1
3 VERY INFLUENTIAL	47	133	180
	2.0	15.2	5.6
COLUMN TOTAL	2320	877	3197
	72.6	27.4	100.0

N CHI SQUARE = 272.96875 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

UMBER OF MISSING OBSERVATIONS = 354

GIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

ILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V070 OTHER RELATIVE'S INFLUENCE ON MAJOR BY AGSCHOOL
* *

V070	AGSCHOOL 1 (1862 STUDENTS)	AGSCHOOL 2 (1890 STUDENTS)	ROW TOTAL
1 NO INFLUENCE	1727	499	2226
	71.2	55.9	67.1
2 SOME INFLUENCE	518	265	783
	21.4	29.7	23.6
3 VERY INFLUENTIAL	181	129	310
	7.5	14.4	9.3
COLUMN TOTAL	2426	893	3319
	73.1	26.9	100.0

AW CHI SQUARE = 76.06921 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

UMBER OF MISSING OBSERVATIONS = 232

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V071 HIGH SCHOOL FRIEND'S INFLUENCE ON MAJOR BY AGSCHOOL
* *

V071	AGSCHOOL 1	AGSCHOOL 2	ROW TOTAL
1 NO INFLUENCE	1815	523	2338
	74.8	59.1	70.6
2 SOME INFLUENCE	495	254	749
	20.4	28.7	22.6
3 VERY INFLUENTIAL	115	108	223
	4.7	12.2	6.7
COLUMN TOTAL	2425	885	3310
	73.3	26.7	100.0

ROW CHI SQUARE = 96.02605 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 241

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V072 COUNSELOR'S INFLUENCE ON MAJOR BY AGSCHOOL
* *

V072	AGSCHOOL 1	AGSCHOOL 2	ROW TOTAL
1 NO INFLUENCE	2027	534	2561
	83.8	60.3	77.5
2 SOME INFLUENCE	329	207	536
	13.6	23.4	16.2
3 VERY INFLUENTIAL	63	144	207
	2.6	16.3	6.3
COLUMN TOTAL	2419	885	3304
	73.2	26.8	100.0

ROW CHI SQUARE = 277.43652 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 247

IONAL STUDY OF AGRICULTURE STUDENTS -- 1862 & 1890 COMPARISONS

LE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V073 EXTENSION AGENT'S INFLUENCE ON MAJOR BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS 1	1890 STUDENTS 2	ROW TOTAL
3			
1 NO INFLUENCE	2171 / 90.1	664 / 76.8	2835 / 86.6
2 SOME INFLUENCE	184 / 7.6	106 / 12.3	290 / 8.9
3 VERY INFLUENTIAL	55 / 2.3	95 / 11.0	150 / 4.6
COLUMN TOTAL	2410 / 73.6	865 / 26.4	3275 / 100.0

CHI SQUARE = 133.58969 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

MBER OF MISSING OBSERVATIONS = 276

IONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

LE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V074 VO-AG TEACHER'S INFLUENCE ON MAJOR BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS 1	1890 STUDENTS 2	ROW TOTAL
74			
1 NO INFLUENCE	2046 / 85.1	518 / 59.1	2564 / 78.1
2 SOME INFLUENCE	201 / 8.4	129 / 14.7	330 / 10.1
3 VERY INFLUENTIAL	157 / 6.5	230 / 26.2	387 / 11.8
COLUMN TOTAL	2404 / 73.3	877 / 26.7	3281 / 100.0

CHI SQUARE = 292.83350 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

MBER OF MISSING OBSERVATIONS = 270

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V075 HOME EC TEACHER'S INFLUENCE ON MAJOR BY AGSCHOOL
* *

V075	AGSCHOOL 1 (1862 STUDENTS)	AGSCHOOL 2 (1890 STUDENTS)	ROW TOTAL
1 NO INFLUENCE	2325	714	3039
	97.7	84.4	94.2
2 SOME INFLUENCE	44	93	137
	1.8	11.0	4.2
3 VERY INFLUENTIAL	11	39	50
	0.5	4.6	1.5
COLUMN TOTAL	2380	846	3226
	73.8	26.2	100.0

RAW CHI SQUARE = 203.87405 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 325

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V076 TEACHER'S-PRINCIPAL'S INFLUENCE ON MAJOR BY AGSCHOOL
* *

V076	AGSCHOOL 1 (1862 STUDENTS)	AGSCHOOL 2 (1890 STUDENTS)	ROW TOTAL
1 NO INFLUENCE	1877	523	2400
	78.2	60.0	73.4
2 SOME INFLUENCE	386	220	606
	16.1	25.3	18.5
3 VERY INFLUENTIAL	137	128	265
	5.7	14.7	8.1
COLUMN TOTAL	2400	871	3271
	73.4	26.6	100.0

RAW CHI SQUARE = 121.48669 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 280

IONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

ILE COMBINE (CREATION DATE = 04/27/78)

* * * * * * * * * * * * * * * * * * * CROSSTABULATION OF * * * *
V077 COLLEGE FRIEND'S INFLUENCE ON MAJOR BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS 1	1890 STUDENTS 2	ROW TOTAL
V77			
1 NO INFLUENCE	1587 / 65.5	446 / 50.6	2033 / 61.5
2 SOME INFLUENCE	590 / 24.4	281 / 31.9	871 / 26.4
3 VERY INFLUENTIAL	245 / 10.1	155 / 17.6	400 / 12.1
COLUMN TOTAL	2422 / 73.3	882 / 26.7	3304 / 100.0

CHI SQUARE = 67.00726 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

UMBER OF MISSING OBSERVATIONS = 247

IONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

ILE COMBINE (CREATION DATE = 04/27/78)

* * * * * * * * * * * * * * * * * * * CROSSTABULATION OF * * * *
V078 COL. TEACHER-ADVISOR INFLUENCE ON MAJOR BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS 1	1890 STUDENTS 2	ROW TOTAL
V78			
1 NO INFLUENCE	1532 / 63.5	450 / 50.9	1982 / 60.1
2 SOME INFLUENCE	582 / 24.1	220 / 24.9	802 / 24.3
3 VERY INFLUENTIAL	300 / 12.4	214 / 24.2	514 / 15.6
COLUMN TOTAL	2414 / 73.2	884 / 26.8	3298 / 100.0

CHI SQUARE = 74.75943 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

MBER OF MISSING OBSERVATIONS = 253

GIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V079 FORMER STUDENT'S INFLUENCE ON MAJOR BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT / V079	1862 STUDENTS 1	1890 STUDENTS 2	ROW TOTAL
1 NO INFLUENCE	1873 / 77.9	532 / 62.4	2405 / 73.9
2 SOME INFLUENCE	370 / 15.4	186 / 21.8	556 / 17.1
3 VERY INFLUENTIAL	160 / 6.7	134 / 15.7	294 / 9.0
COLUMN TOTAL	2403 / 73.8	852 / 26.2	3255 / 100.0

CHI SQUARE = 92.98073 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 296

GIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V080 HOME EC-ASSOC DEAN'S INFLUENCE ON MAJOR BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT / V080	1862 STUDENTS 1	1890 STUDENTS 2	ROW TOTAL
1 NO INFLUENCE	2111 / 88.1	655 / 77.1	2766 / 85.2
2 SOME INFLUENCE	205 / 8.6	96 / 11.3	301 / 9.3
3 VERY INFLUENTIAL	80 / 3.3	99 / 11.6	179 / 5.5
COLUMN TOTAL	2396 / 73.8	850 / 26.2	3246 / 100.0

CHI SQUARE = 92.59230 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 305

GIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

LE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V081 VETERINARIAN'S INFLUENCE ON COL. MAJOR BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V081			
1 NO INFLUENCE	1890 / 78.2	654 / 75.5	2544 / 77.5
2 SOME INFLUENCE	311 / 12.9	93 / 10.7	404 / 12.3
3 VERY INFLUENTIAL	216 / 8.9	119 / 13.7	335 / 10.2
COLUMN TOTAL	2417 / 73.6	866 / 26.4	3283 / 100.0

N CHI SQUARE = 17.35945 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0002

MBER OF MISSING OBSERVATIONS = 268

GIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

LE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V082 CLERGYMAN'S INFLUENCE ON COLLEGE MAJOR BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V082			
1 NO INFLUENCE	2259 / 94.2	755 / 89.7	3014 / 93.0
2 SOME INFLUENCE	114 / 4.8	60 / 7.1	174 / 5.4
3 VERY INFLUENTIAL	25 / 1.0	27 / 3.2	52 / 1.6
COLUMN TOTAL	2398 / 74.0	842 / 26.0	3240 / 100.0

N CHI SQUARE = 26.09215 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

MBER OF MISSING OBSERVATIONS = 311

EGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

LE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V083 COLLEGE GPA BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
V083	1	2	
1 GPA=.5-1.5	84	7	91
	3.4	0.8	2.7
2 GPA=1.6-2.0	258	87	345
	10.5	9.3	10.2
3 GPA=2.1-2.5	609	247	856
	24.8	26.5	25.2
4 GPA=2.6-3.0	797	301	1098
	32.4	32.3	32.4
5 GPA=3.1-3.5	506	191	697
	20.6	20.5	20.5
6 GPA=3.6-4.0	206	99	305
	8.4	10.6	9.0
COLUMN TOTAL	2460	932	3392
	72.5	27.5	100.0

N CHI SQUARE = 23.37849 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0003

UMBER OF MISSING OBSERVATIONS = 159

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V084 HOW GPA COMPUTED BY AGSCHOOL
* *

V084	AGSCHOOL COUNT / COL PCT	1862 STUDENTS 1	1890 STUDENTS 2	ROW TOTAL
3		137	0	137
		5.4	0.0	3.9
4		2398	1016	3414
		94.6	100.0	96.1
COLUMN TOTAL		2535	1016	3551
		71.4	28.6	100.0

CORRECTED CHI SQUARE = 55.66376 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.000

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V085 CHANGED MAJOR BY AGSCHOOL
* *

V085	AGSCHOOL COUNT / COL PCT	1862 STUDENTS 1	1890 STUDENTS 2	ROW TOTAL
1 YES		1327	328	1655
		52.8	32.9	47.2
2 NO		1185	670	1855
		47.2	67.1	52.8
COLUMN TOTAL		2512	998	3510
		71.6	28.4	100.0

CORRECTED CHI SQUARE = 113.40048 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.000

NUMBER OF MISSING OBSERVATIONS = 41

EGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

LE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V086 PREVIOUS MAJOR IN HOME EC BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V086			
1 YES	616	135	751
	46.7	41.4	45.6
2 NO	704	191	895
	53.3	58.6	54.4
COLUMN TOTAL	1320	326	1646
	80.2	19.8	100.0

ORRECTED CHI SQUARE = 2.70277 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.100

MBER OF MISSING OBSERVATIONS = 1905

EGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

LE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V087 FINANCIAL ASSISTANCE BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V087			
1 NO IMPORTANCE	1986	431	2417
	82.8	48.2	73.4
2 SOME IMPORTANCE	254	175	429
	10.6	19.6	13.0
3 VERY IMPORTANT	158	289	447
	6.6	32.3	13.6
COLUMN TOTAL	2398	895	3293
	72.8	27.2	100.0

AW CHI SQUARE = 464.02661 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

MBER OF MISSING OBSERVATIONS = 258

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V088 IMPORTANCE OF PREPARATION FOR CAREER BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V088			
1 NO IMPORTANCE	130	48	178
	5.3	5.2	5.3
2 SOME IMPORTANCE	538	174	712
	22.1	19.0	21.3
3 VERY IMPORTANT	1762	693	2455
	72.5	75.7	73.4
COLUMN TOTAL	2430	915	3345
	72.6	27.4	100.0

RAW CHI SQUARE = 4.00363 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.1351

NUMBER OF MISSING OBSERVATIONS = 206

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V089 DESIRE TO HELP OTHERS ON CHOOSING CAREER BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V089			
1 NO IMPORTANCE	663	109	772
	27.6	12.3	23.5
2 SOME IMPORTANCE	1088	350	1438
	45.3	39.5	43.7
3 VERY IMPORTANT	652	427	1079
	27.1	48.2	32.8
COLUMN TOTAL	2403	886	3289
	73.1	26.9	100.0

RAW CHI SQUARE = 156.91913 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 262

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V090 IMPORTANCE OF STYLE OF LIFE ON MAJOR BY AGSCHOOL
* *

V090	AGSCHOOL 1862 STUDENTS (1)	1890 STUDENTS (2)	ROW TOTAL
1 NO IMPORTANCE	566	282	848
	23.5	32.0	25.8
2 SOME IMPORTANCE	705	291	996
	29.3	33.0	30.3
3 VERY IMPORTANT	1139	308	1447
	47.3	35.0	44.0
COLUMN TOTAL	2410	881	3291
	73.2	26.8	100.0

RAW CHI SQUARE = 43.43555 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 260

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V091 IMPORTANCE OF PRIOR EXP IN AG BY AGSCHOOL
* *

V091	AGSCHOOL 1862 STUDENTS (1)	1890 STUDENTS (2)	ROW TOTAL
1 NO IMPORTANCE	1230	384	1614
	51.6	44.3	49.6
2 SOME IMPORTANCE	601	222	823
	25.2	25.6	25.3
3 VERY IMPORTANT	555	261	816
	23.3	30.1	25.1
COLUMN TOTAL	2386	867	3253
	73.3	26.7	100.0

RAW CHI SQUARE = 18.67087 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0001

NUMBER OF MISSING OBSERVATIONS = 298

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V092 PRIOR HOME EC EXP. ON CHOOSING MAJOR BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V092			
1 NO IMPORTANCE	2260 / 96.1	725 / 85.7	2985 / 93.3
2 SOME IMPORTANCE	76 / 3.2	95 / 11.2	171 / 5.3
3 VERY IMPORTANT	16 / 0.7	26 / 3.1	42 / 1.3
COLUMN TOTAL	2352 / 73.5	846 / 26.5	3198 / 100.0

RAW CHI SQUARE = 108.76233 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 353

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V093 IMPORTANCE OF FRIENDS ON CHOOSING MAJOR BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V093			
1 NO IMPORTANCE	1996 / 83.5	662 / 76.3	2658 / 81.6
2 SOME IMPORTANCE	333 / 13.9	166 / 19.1	499 / 15.3
3 VERY IMPORTANT	62 / 2.6	40 / 4.6	102 / 3.1
COLUMN TOTAL	2391 / 73.4	868 / 26.6	3259 / 100.0

RAW CHI SQUARE = 23.55898 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 292

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V094 IMPORTANCE OF FAMILY ON CHOOSING MAJOR BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V094			
1 NO IMPORTANCE	1919 / 80.1	593 / 68.3	2512 / 76.9
2 SOME IMPORTANCE	421 / 17.6	213 / 24.5	634 / 19.4
3 VERY IMPORTANT	57 / 2.4	62 / 7.1	119 / 3.6
COLUMN TOTAL	2397 / 73.4	868 / 26.6	3265 / 100.0

ROW CHI SQUARE = 67.08058 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 286

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V095 IMPORTANCE OF H.S. COUNSELOR ON MAJOR BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V095			
1 NO IMPORTANCE	2117 / 88.6	586 / 68.0	2703 / 83.1
2 SOME IMPORTANCE	216 / 9.0	191 / 22.2	407 / 12.5
3 VERY IMPORTANT	57 / 2.4	85 / 9.9	142 / 4.4
COLUMN TOTAL	2390 / 73.5	862 / 26.5	3252 / 100.0

ROW CHI SQUARE = 200.54950 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 299

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V096 IMPORTANCE OF COLLEGE ADVISOR ON MAJOR BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V096			
1 NO IMPORTANCE	1905 / 80.1	535 / 62.7	2440 / 75.5
2 SOME IMPORTANCE	361 / 15.2	215 / 25.2	576 / 17.8
3 VERY IMPORTANT	111 / 4.7	103 / 12.1	214 / 6.6
COLUMN TOTAL	2377 / 73.6	853 / 26.4	3230 / 100.0

ROW CHI SQUARE = 112.51062 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 321

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V097 IMPORTANCE OF RELATED H.S. COURSE ON MAJ BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V097			
1 NO IMPORTANCE	1920 / 80.8	526 / 61.6	2446 / 75.7
2 SOME IMPORTANCE	319 / 13.4	179 / 21.0	498 / 15.4
3 VERY IMPORTANT	138 / 5.8	149 / 17.4	287 / 8.9
COLUMN TOTAL	2377 / 73.6	854 / 26.4	3231 / 100.0

ROW CHI SQUARE = 149.56796 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 320

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V098 IMPORTANCE OF RELATED COL COURSE ON MAJ BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V098			
1 NO IMPORTANCE	1632	532	2164
	68.6	63.1	67.2
2 SOME IMPORTANCE	464	188	652
	19.5	22.3	20.2
3 VERY IMPORTANT	283	123	406
	11.9	14.6	12.6
COLUMN TOTAL	2379	843	3222
	73.8	26.2	100.0

ROW CHI SQUARE = 8.79011 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0123

NUMBER OF MISSING OBSERVATIONS = 329

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V099 IMP OF BETTER GRADES ON CHOOSING MAJOR BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V099			
1 NO IMPORTANCE	1979	559	2538
	83.7	67.8	79.6
2 SOME IMPORTANCE	321	169	490
	13.6	20.5	15.4
3 VERY IMPORTANT	65	97	162
	2.7	11.8	5.1
COLUMN TOTAL	2365	825	3190
	74.1	25.9	100.0

ROW CHI SQUARE = 136.26482 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 361

GIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

LE COMBINE (CREATION DATE = 04/27/78)

* C R O S S T A B U L A T I O N O F * * * *
V100 DESIRE TO INSURE BETTER INCOME ON MAJOR BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
DO			
1 NO IMPORTANCE	1030 / 43.3	210 / 24.4	1240 / 38.3
2 SOME IMPORTANCE	992 / 41.7	303 / 35.2	1295 / 40.0
3 VERY IMPORTANT	359 / 15.1	347 / 40.3	706 / 21.8
COLUMN TOTAL	2381 / 73.5	860 / 26.5	3241 / 100.0

W CHI SQUARE = 250.38176 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

MBER OF MISSING OBSERVATIONS = 310

GIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

LE COMBINE (CREATION DATE = 04/27/78)

* C R O S S T A B U L A T I O N O F * * * *
V101 OTHER FACTORS IN CHOOSING MAJOR BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
01			
1 NO IMPORTANCE	653 / 53.5	203 / 55.8	856 / 54.0
2 SOME IMPORTANCE	46 / 3.8	25 / 6.9	71 / 4.5
3 VERY IMPORTANT	521 / 42.7	136 / 37.4	657 / 41.5
COLUMN TOTAL	1220 / 77.0	364 / 23.0	1584 / 100.0

W CHI SQUARE = 8.19204 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0166

MBER OF MISSING OBSERVATIONS = 1967

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V102 MEMBER OF DEPARTMENTAL CLUBS BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V102			
1 YES	918	264	1182
	39.8	34.2	38.4
2 NO	1391	509	1900
	60.2	65.8	61.6
COLUMN TOTAL	2309	773	3082
	74.9	25.1	100.0

CORRECTED CHI SQUARE = 7.45940 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.006

NUMBER OF MISSING OBSERVATIONS = 469

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V103 LEADER OF DEPARTMENTAL CLUBS BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V103			
1 YES	238	106	344
	33.3	42.9	35.8
2 NO	476	141	617
	66.7	57.1	64.2
COLUMN TOTAL	714	247	961
	74.3	25.7	100.0

CORRECTED CHI SQUARE = 6.91988 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.008

NUMBER OF MISSING OBSERVATIONS = 2590

SIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

LE COMBINE (CREATION DATE = 04/27/78)

* * * * * * * * * * * * * * * * * * * CROSSTABULATION OF * * * *
V106 MEMBER OF HONOR FRATS OR SOR BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
1	385	146	531
	17.1	19.2	17.6
2	1870	615	2485
	82.9	80.8	82.4
COLUMN TOTAL	2255	761	3016
	74.8	25.2	100.0

RECTED CHI SQUARE = 1.60718 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.204

BER OF MISSING OBSERVATIONS = 535

IONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

E COMBINE (CREATION DATE = 04/27/78)

* * * * * * * * * * * * * * * * * * * CROSSTABULATION OF * * * *
V107 LEADER OF HONOR FRATS OR SOR BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
1	65	65	130
	23.0	43.3	30.0
2	218	85	303
	77.0	56.7	70.0
COLUMN TOTAL	283	150	433
	65.4	34.6	100.0

RECTED CHI SQUARE = 18.39604 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.000

BER OF MISSING OBSERVATIONS = 3118

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V108 MEMBER OF COLLEGE 4H, FFA OR FHA BY AGSCHOOL
* *

COUNT / COL PCT	AGSCHOOL 1862 STUDENTS (1)	1890 STUDENTS (2)	ROW TOTAL
V108 1 YES	202	252	454
	9.0	32.9	15.1
2 NO	2037	513	2550
	91.0	67.1	84.9
COLUMN TOTAL	2239	765	3004
	74.5	25.5	100.0

CORRECTED CHI SQUARE = 252.42082 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.000

NUMBER OF MISSING OBSERVATIONS = 547

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V109 LEADER OF COLLEGE 4H, FFA OR FHA BY AGSCHOOL
* *

COUNT / COL PCT	AGSCHOOL 1862 STUDENTS (1)	1890 STUDENTS (2)	ROW TOTAL
V109 1 YES	86	119	205
	55.1	51.1	52.7
2 NO	70	114	184
	44.9	48.9	47.3
COLUMN TOTAL	156	233	389
	40.1	59.9	100.0

CORRECTED CHI SQUARE = 0.46449 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.495

NUMBER OF MISSING OBSERVATIONS = 3162

GIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

LE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V110 MEMBER AG-HOME EC COUNCIL BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
1 YES	129	123	252
	5.8	16.6	8.5
2 NO	2100	617	2717
	94.2	83.4	91.5
COLUMN TOTAL	2229	740	2969
	75.1	24.9	100.0

RRECTED CHI SQUARE = 82.56874 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.000

MBER OF MISSING OBSERVATIONS = 582

GIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

LE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V111 LEADER AG-HOME EC COUNCIL BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
11 YES	40	60	100
	40.0	41.4	40.8
2 NO	60	85	145
	60.0	58.6	59.2
COLUMN TOTAL	100	145	245
	40.8	59.2	100.0

RRECTED CHI SQUARE = 0.00700 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.933

MBER OF MISSING OBSERVATIONS = 3306

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V112 MEMBER OF SOCIAL FRATS OR SOR BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V112			
1 YES	353	132	485
	15.6	17.5	16.0
2 NO	1914	623	2537
	84.4	82.5	84.0
COLUMN TOTAL	2267	755	3022
	75.0	25.0	100.0

CORRECTED CHI SQUARE = 1.39844 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.237

NUMBER OF MISSING OBSERVATIONS = 529

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V113 LEADER OF FRATS OR SOR BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V113			
1 YES	180	64	244
	61.9	49.2	58.0
2 NO	111	66	177
	38.1	50.8	42.0
COLUMN TOTAL	291	130	421
	69.1	30.9	100.0

CORRECTED CHI SQUARE = 5.37104 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.020

NUMBER OF MISSING OBSERVATIONS = 3130

EGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

IL COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V114 MEMBER OF PROFESSIONAL SOC. AND ASSN. BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS 1	1890 STUDENTS 2	ROW TOTAL
V114			
1 YES	460	130	590
	20.3	17.1	19.5
2 NO	1807	632	2439
	79.7	82.9	80.5
COLUMN TOTAL	2267	762	3029
	74.8	25.2	100.0

CORRECTED CHI SQUARE = 3.59217 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.0581

NUMBER OF MISSING OBSERVATIONS = 522

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V115 LEADER OF SOCIETIES AND ASSN BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS 1	1890 STUDENTS 2	ROW TOTAL
V115			
1 YES	90	48	138
	26.2	36.9	29.1
2 NO	254	82	336
	73.8	63.1	70.9
COLUMN TOTAL	344	130	474
	72.6	27.4	100.0

CORRECTED CHI SQUARE = 4.78454 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.028

NUMBER OF MISSING OBSERVATIONS = 3077

EGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

LE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V116 SCHOLARSHIPS AS SOURCE OF COLLEGE FUNDS BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V116			
1 YES	622	327	949
	26.7	38.7	29.9
2 NO	1709	518	2227
	73.3	61.3	70.1
COLUMN TOTAL	2331	845	3176
	73.4	26.6	100.0

ORRECTED CHI SQUARE = 42.15494 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.000

MBER OF MISSING OBSERVATIONS = 375

EGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

LE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V117 STUDENT LOANS-GRANTS AS SOURCE OF FUNDS BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V117			
1 YES	574	569	1143
	24.8	65.3	35.8
2 NO	1744	302	2046
	75.2	34.7	64.2
COLUMN TOTAL	2318	871	3189
	72.7	27.3	100.0

ORRECTED CHI SQUARE = 451.26660 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.000

MBER OF MISSING OBSERVATIONS = 362

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V118 OWN SAVINGS AS SOURCE OF COLLEGE FUNDS BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V118			
1 YES	1789	538	2327
	75.5	63.1	72.2
2 NO	581	314	895
	24.5	36.9	27.8
COLUMN TOTAL	2370	852	3222
	73.6	26.4	100.0

CORRECTED CHI SQUARE = 46.95352 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.000

NUMBER OF MISSING OBSERVATIONS = 329

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V119 PART-TIME WORK AS SOURCE OF COLLEGE FUND BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V119			
1 YES	1288	504	1792
	54.7	58.4	55.7
2 NO	1068	359	1427
	45.3	41.6	44.3
COLUMN TOTAL	2356	863	3219
	73.2	26.8	100.0

CORRECTED CHI SQUARE = 3.41511 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.064

NUMBER OF MISSING OBSERVATIONS = 332

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V120 PARENTS AS SOURCE OF COLLEGE FUNDS BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V120			
1 YES	2039	565	2604
	84.5	65.8	79.6
2 NO	373	294	667
	15.5	34.2	20.4
COLUMN TOTAL	2412	859	3271
	73.7	26.3	100.0

CORRECTED CHI SQUARE = 136.19353 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.000

NUMBER OF MISSING OBSERVATIONS = 280

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V121 VETERANS BENEFITS AS SOURCE OF COL FUNDS BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V121			
1 YES	184	104	288
	8.0	12.9	9.3
2 NO	2107	705	2812
	92.0	87.1	90.7
COLUMN TOTAL	2291	809	3100
	73.9	26.1	100.0

CORRECTED CHI SQUARE = 15.94198 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.000

NUMBER OF MISSING OBSERVATIONS = 451

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V122 SPOUSE AS SOURCE OF COLLEGE FUNDS BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V122			
1 YES	242	102	344
	10.6	12.7	11.2
2 NO	2039	700	2739
	89.4	87.3	88.8
COLUMN TOTAL	2281	802	3083
	74.0	26.0	100.0

CORRECTED CHI SQUARE = 2.45348 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.117

NUMBER OF MISSING OBSERVATIONS = 468

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V123 RELATIVES,FRIENDS AS SOURCE OF FUNDS BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V123			
1 YES	227	152	379
	9.9	18.9	12.3
2 NO	2056	651	2707
	90.1	81.1	87.7
COLUMN TOTAL	2283	803	3086
	74.0	26.0	100.0

CORRECTED CHI SQUARE = 43.69627 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.000

NUMBER OF MISSING OBSERVATIONS = 465

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* C R O S S T A B U L A T I O N O F * * * *
V124 SUMMER JOBS AS SOURCE OF COLLEGE FUNDS BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V124			
1 YES	1856	560	2416
	78.3	66.1	75.1
2 NO	514	287	801
	21.7	33.9	24.9
COLUMN TOTAL	2370	847	3217
	73.7	26.3	100.0

CORRECTED CHI SQUARE = 48.98921 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.000

NUMBER OF MISSING OBSERVATIONS = 334

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* C R O S S T A B U L A T I O N O F * * * *
V125 OTHER SOURCES OF COLLEGE FUNDS BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V125			
1 YES	183	47	230
	13.4	10.8	12.8
2 NO	1182	389	1571
	86.6	89.2	87.2
COLUMN TOTAL	1365	436	1801
	75.8	24.2	100.0

CORRECTED CHI SQUARE = 1.81779 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.177

NUMBER OF MISSING OBSERVATIONS = 1750

LIFE GOALS AND ASPIRATIONS

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V126 DESIRED FORMAL EDUCATION BY AGSCHOOL
* *

V126	AGSCHOOL 1862 STUDENTS (1)	1890 STUDENTS (2)	ROW TOTAL
1 QUIT BEFORE BACH	32 / 1.3	5 / 0.5	37 / 1.1
2 VOC OR BUSINESS	30 / 1.2	14 / 1.5	44 / 1.3
3 BACHELOR'S DEGRE	776 / 31.7	143 / 15.0	919 / 27.0
4 MASTER'S DEGREE	666 / 27.2	286 / 29.9	952 / 28.0
5 PROFESSIONAL DEG	519 / 21.2	176 / 18.4	695 / 20.4
6 DOCTORAL DEG	425 / 17.4	332 / 34.7	757 / 22.2
COLUMN TOTAL	2448 / 71.9	956 / 28.1	3404 / 100.0

RAW CHI SQUARE = 173.23734 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 147

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V127 PROBABLE FORMAL EDUCATION BY AGSCHOOL
* *

V127	AGSCHOOL COUNT / COL PCT	1862 STUDENTS 1	1890 STUDENTS 2	ROW TOTAL
1 QUIT BEFORE BACH		51	13	64
		2.1	1.4	1.9
2 VOC OR BUSINESS		21	12	33
		0.9	1.3	1.0
3 BACHELOR'S DEGRE		1394	280	1674
		57.1	29.4	49.3
4 MASTER'S DEGREE		530	352	882
		21.7	36.9	26.0
5 PROFESSIONAL DEG		325	137	462
		13.3	14.4	13.6
6 DOCTORAL DEG		122	160	282
		5.0	16.8	8.3
COLUMN TOTAL		2443	954	3397
		71.9	28.1	100.0

RAW CHI SQUARE = 286.21973 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 154

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V128 REMAIN IN AG BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V128			
1 YES	1039	720	1759
	82.5	92.7	86.4
2 NO	221	57	278
	17.5	7.3	13.6
COLUMN TOTAL	1260	777	2037
	61.9	38.1	100.0

CORRECTED CHI SQUARE = 41.59988 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.000

NUMBER OF MISSING OBSERVATIONS = 1514

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V129 REMAIN AT PRESENT UNIVERSITY BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V129			
1 YES	708	263	971
	57.7	35.1	49.1
2 NO	519	487	1006
	42.3	64.9	50.9
COLUMN TOTAL	1227	750	1977
	62.1	37.9	100.0

CORRECTED CHI SQUARE = 94.52042 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.000

NUMBER OF MISSING OBSERVATIONS = 1574

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V136 OWN FARM OR RANCH BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V136			
1 YES,ALONE	726	330	1056
	29.4	33.5	30.6
2 YES,WITH OTHER	443	170	613
	17.9	17.3	17.7
3 NO	1303	484	1787
	52.7	49.2	51.7
COLUMN TOTAL	2472	984	3456
	71.5	28.5	100.0

RAW CHI SQUARE = 5.85549 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0535

NUMBER OF MISSING OBSERVATIONS = 95

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V137 INHERIT FARM OR RANCH BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V137			
1 ALREADY INHERITE	18	17	35
	0.7	1.7	1.0
2 DEFINITE NO	1291	584	1875
	51.8	59.8	54.1
3 POSSIBILITY OF I	786	277	1063
	31.5	28.4	30.7
4 DEFINITE YES	397	98	495
	15.9	10.0	14.3
COLUMN TOTAL	2492	976	3468
	71.9	28.1	100.0

RAW CHI SQUARE = 34.91792 WITH 3 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 83

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V138 EXPECTED INCOME AT FIRST JOB BY AGSCHOOL
* *

V138	AGSCHOOL 1862 STUDENTS	1890 STUDENTS	ROW TOTAL
1 LESS THAN 5000	65 / 2.7	26 / 2.7	91 / 2.7
2 5000 TO 7499	217 / 9.1	77 / 8.1	294 / 8.8
3 7500 TO 9999	593 / 24.9	176 / 18.5	769 / 23.1
4 10000 TO 12499	843 / 35.4	310 / 32.6	1153 / 34.6
5 12500 TO 14999	390 / 16.4	200 / 21.1	590 / 17.7
6 15000 TO 17499	129 / 5.4	76 / 8.0	205 / 6.1
7 17500 TO 19999	52 / 2.2	36 / 3.8	88 / 2.6
8 20000 AND ABOVE	95 / [illegible]	49 / 5.2	144 / 4.3
COLUMN TOTAL	2384 / 71.5	950 / 28.5	3334 / 100.0

RAW CHI SQUARE = 38.77850 WITH 7 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 217

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V139 KIND OF COMMUNITY DESIRED BY AGSCHOOL
* *

		AGSCHOOL		
	COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
		1	2	
V139				
1 FARM OR RANCH		945	247	1192
		37.8	25.0	34.2
2 COUNTRY OUTSIDE		503	158	661
		20.1	16.0	19.0
3 TOWN OR VILLAGE		242	104	346
		9.7	10.5	9.9
4 SMALL CITY		421	228	649
		16.9	23.1	18.6
5 MEDIUM CITY		311	207	518
		12.5	20.9	14.9
6 METRO CITY		75	45	120
		3.0	4.6	3.4
COLUMN TOTAL		2497	989	3486
		71.6	28.4	100.0

RAW CHI SQUARE = 95.05779 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 65

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V140 DISTANCE FROM BIG CITY BY AGSCHOOL
* *

	AGSCHOOL		
COUNT COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V140			
1 WITHIN 30 MILES	982 48.4	363 53.0	1345 49.6
2 FURTHER THAN 30	520 25.6	99 14.5	619 22.8
3 DOESN'T MATTER	526 25.9	223 32.6	749 27.6
COLUMN TOTAL	2028 74.8	685 25.2	2713 100.0

RAW CHI SQUARE = 38.37433 WITH 2 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 838

ATTITUDES

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V141 ATTITUDE TOWARD GETTING A HUSBAND BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V141			
1 STRONGLY DISAGREE	399	170	569
	16.0	17.1	16.3
2 DISAGREE	1088	410	1498
	43.7	41.2	43.0
3 UNDECIDED	500	187	687
	20.1	18.8	19.7
4 AGREE	429	169	598
	17.2	17.0	17.2
5 STRONGLY AGREE	71	60	131
	2.9	6.0	3.8
COLUMN TOTAL	2487	996	3483
	71.4	28.6	100.0

ROW CHI SQUARE = 21.22275 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0003

NUMBER OF MISSING OBSERVATIONS = 68

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V142 ATTITUDE OF EQUAL PARTNERS IN MARRIAGE BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS 1	1890 STUDENTS 2	ROW TOTAL
V142			
1 STRONGLY DISAGREE	29 / 1.2	19 / 1.9	48 / 1.4
2 DISAGREE	127 / 5.1	50 / 5.0	177 / 5.1
3 UNDECIDED	89 / 3.6	38 / 3.8	127 / 3.6
4 AGREE	919 / 36.8	359 / 35.9	1278 / 36.5
5 STRONGLY AGREE	1334 / 53.4	535 / 53.4	1869 / 53.4
COLUMN TOTAL	2498 / 71.4	1001 / 28.6	3499 / 100.0

ROW CHI SQUARE = 3.11708 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.5384

NUMBER OF MISSING OBSERVATIONS = 52

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V143 ATTITUDE OF WORKING VERSES MOTHERHOOD BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS 1	1890 STUDENTS 2	ROW TOTAL
V143			
1 STRONGLY DISAGREE	428 / 17.2	110 / 11.0	538 / 15.4
2 DISAGREE	799 / 32.1	189 / 19.0	988 / 28.4
3 UNDECIDED	428 / 17.2	152 / 15.3	580 / 16.6
4 AGREE	569 / 22.9	307 / 30.8	876 / 25.1
5 STRONGLY AGREE	265 / 10.6	238 / 23.9	503 / 14.4
COLUMN TOTAL	2489 / 71.4	996 / 28.6	3485 / 100.0

RAW CHI SQUARE = 166.71570 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 66

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V144 ATTITUDES OF WOMEN RECEIVING EQUAL PAY BY AGSCHOOL
* *

		AGSCHOOL		
	COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
		1	2	
V144				
1 STRONGLY DISAGRE		14	8	22
		0.6	0.8	0.6
2 DISAGREE		20	13	33
		0.8	1.3	0.9
3 UNDECIDED		78	37	115
		3.1	3.7	3.3
4 AGREE		899	329	1228
		35.9	32.8	35.0
5 STRONGLY AGREE		1491	617	2108
		59.6	61.5	60.1
	COLUMN TOTAL	2502	1004	3506
		71.4	28.6	100.0

RAW CHI SQUARE = 5.67428 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.2248

NUMBER OF MISSING OBSERVATIONS = 45

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V145 UNCOMFORTABLE WITH WOMAN SUPERVISOR BY AGSCHOOL
* *

		AGSCHOOL		
	COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
		1	2	
V145				
1 STRONGLY DISAGREE		739	335	1074
		29.5	33.4	30.6
2 DISAGREE		920	401	1321
		36.8	40.0	37.7
3 UNDECIDED		404	135	539
		16.1	13.5	15.4
4 AGREE		300	71	371
		12.0	7.1	10.6
5 STRONGLY AGREE		140	60	200
		5.6	6.0	5.7
	COLUMN TOTAL	2503	1002	3505
		71.4	28.6	100.0

RAW CHI SQUARE = 25.32635 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 46

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V146 ATTITUDE THAT WOMEN ARE CAPABLE AS MEN BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V146			
1 STRONGLY DISAGRE	91 / 3.7	51 / 5.1	142 / 4.1
2 DISAGREE	447 / 18.0	150 / 15.0	597 / 17.1
3 UNDECIDED	423 / 17.0	160 / 16.0	583 / 16.7
4 AGREE	941 / 37.8	390 / 39.1	1331 / 38.2
5 STRONGLY AGREE	586 / 23.6	247 / 24.7	833 / 23.9
COLUMN TOTAL	2488 / 71.4	998 / 28.6	3486 / 100.0

RAW CHI SQUARE = 8.39729 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0781

NUMBER OF MISSING OBSERVATIONS = 65

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

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REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V148 ATTITUDE THAT AG OCCUP UNSUITED TO WOMEN BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
V148	1	2	
1 STRONGLY DISAGRE	363 / 14.7	195 / 19.6	563 / 16.1
2 DISAGREE	1053 / 42.1	436 / 43.8	1489 / 42.6
3 UNDECIDED	490 / 19.6	170 / 17.1	660 / 18.9
4 AGREE	503 / 20.1	153 / 15.4	656 / 18.8
5 STRONGLY AGREE	86 / 3.4	42 / 4.2	128 / 3.7
COLUMN TOTAL	2500 / 71.5	996 / 28.5	3496 / 100.0

RAW CHI SQUARE = 23.08435 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0001

NUMBER OF MISSING OBSERVATIONS = 55

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V149 ATTITUDE WOMEN WORK BEFORE CHILDREN BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V149			
1 STRONGLY DISAGREE	353 / 14.2	177 / 17.8	530 / 15.2
2 DISAGREE	971 / 39.0	384 / 38.7	1355 / 38.9
3 UNDECIDED	525 / 21.1	208 / 20.9	733 / 21.0
4 AGREE	488 / 19.6	165 / 16.6	653 / 18.7
5 STRONGLY AGREE	153 / 6.1	59 / 5.9	212 / 6.1
COLUMN TOTAL	2490 / 71.5	993 / 28.5	3483 / 100.0

RAW CHI SQUARE = 9.64968 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0468

NUMBER OF MISSING OBSERVATIONS = 68

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V150 FORCE FARMERS TO ADOPT SOIL CONSERVATION BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V150			
1 STRONGLY DISAGREE	224	66	290
	9.0	6.6	8.3
2 DISAGREE	437	143	580
	17.6	14.3	16.6
3 UNDECIDED	626	203	829
	25.2	20.3	23.8
4 AGREE	827	342	1169
	33.3	34.2	33.5
5 STRONGLY AGREE	373	245	618
	15.0	24.5	17.7
COLUMN TOTAL	2487	999	3486
	71.3	28.7	100.0

RAW CHI SQUARE = 53.22163 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 65

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V151 ATTITUDE OF GREATER REGULATION OF CHEM BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
V151	1	2	
1 STRONGLY DISAGRE	110 / 4.4	14 / 1.4	124 / 3.6
2 DISAGREE	385 / 15.5	44 / 4.4	429 / 12.3
3 UNDECIDED	575 / 23.1	154 / 15.4	729 / 20.9
4 AGREE	907 / 36.4	437 / 43.8	1344 / 38.5
5 STRONGLY AGREE	513 / 20.6	349 / 35.0	862 / 24.7
COLUMN TOTAL	2490 / 71.4	998 / 28.6	3488 / 100.0

RAW CHI SQUARE = 178.52315 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 63

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V152 ATTITUDE OF EC DESTRUCTION BEING STOPPED BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V152			
1 STRONGLY DISAGREE	34 / 1.4	21 / 2.1	55 / 1.6
2 DISAGREE	157 / 6.3	73 / 7.3	230 / 6.6
3 UNDECIDED	442 / 17.8	201 / 20.2	643 / 18.5
4 AGREE	977 / 39.2	338 / 34.0	1315 / 37.7
5 STRONGLY AGREE	880 / 35.3	362 / 36.4	1242 / 35.6
COLUMN TOTAL	2490 / 71.4	995 / 28.6	3485 / 100.0

RAW CHI SQUARE = 11.40246 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0224

NUMBER OF MISSING OBSERVATIONS = 66

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V153 ATTITUDE OF IMPORTANCE OF STRIP MINING BY AGSCHOOL
* *

	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
V153			
1 STRONGLY DISAGRE	615 / 24.8	151 / 15.3	766 / 22.1
2 DISAGREE	838 / 33.8	296 / 30.1	1134 / 32.7
3 UNDECIDED	669 / 27.0	299 / 30.4	968 / 27.9
4 AGREE	306 / 12.3	174 / 17.7	480 / 13.9
5 STRONGLY AGREE	52 / 2.1	64 / 6.5	116 / 3.3
COLUMN TOTAL	2480 / 71.6	984 / 28.4	3464 / 100.0

RAW CHI SQUARE = 89.74307 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 87

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V154 ATTITUDE OF CAREER OPPORTUNITIES IN AG BY AGSCHOOL
* *

V154	COUNT / COL PCT	AGSCHOOL 1862 STUDENTS (1)	AGSCHOOL 1890 STUDENTS (2)	ROW TOTAL
1 STRONGLY DISAGREE		16	7	23
		0.6	0.7	0.7
2 DISAGREE		89	13	102
		3.6	1.3	2.9
3 UNDECIDED		221	42	263
		8.9	4.2	7.5
4 AGREE		1162	329	1491
		46.6	33.1	42.7
5 STRONGLY AGREE		1008	602	1610
		40.4	60.6	46.1
COLUMN TOTAL		2496	993	3489
		71.5	28.5	100.0

RAW CHI SQUARE = 125.58485 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 62

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V155 ATTITUDE THAT LITTLE EDUC NEEDED FOR AG BY AGSCHOOL
* *

V155	AGSCHOOL 1	2	ROW TOTAL
1 STRONGLY DISAGREE	488	201	689
	19.6	20.2	19.7
2 DISAGREE	1356	417	1773
	54.3	42.0	50.8
3 UNDECIDED	330	153	483
	13.2	15.4	13.8
4 AGREE	291	167	458
	11.7	16.8	13.1
5 STRONGLY AGREE	31	55	86
	1.2	5.5	2.5
COLUMN TOTAL	2496	993	3489
	71.5	28.5	100.0

ROW CHI SQUARE = 91.50021 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 62

REGIONAL STUDY OF AGRICULTURE STUDENTS - 1862 & 1890 COMPARISONS

FILE COMBINE (CREATION DATE = 04/27/78)

* CROSSTABULATION OF * * * *
V156 ATTITUDE THAT AGRICULTURE IS DECLINING BY AGSCHOOL
* *

V156	AGSCHOOL		
COUNT / COL PCT	1862 STUDENTS	1890 STUDENTS	ROW TOTAL
	1	2	
1 STRONGLY DISAGREE	1307	509	1816
	52.3	51.3	52.0
2 DISAGREE	816	277	1093
	32.7	27.9	31.3
3 UNDECIDED	174	64	238
	7.0	6.4	6.8
4 AGREE	126	81	207
	5.0	8.2	5.9
5 STRONGLY AGREE	74	62	136
	3.0	6.2	3.9
COLUMN TOTAL	2497	993	3490
	71.5	28.5	100.0

RAW CHI SQUARE = 36.84708 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 61